



U.S. Department  
of Transportation

National Highway  
Traffic Safety  
Administration

400 Seventh Street, S.W.  
Washington, D.C. 20590

Dear Crash Data Researchers/Users:

Thank you for choosing crash data from the National Highway Traffic Safety Administration (NHTSA) for your research or other use. The information contained in this motor vehicle crash report is collected, maintained and distributed in accordance with Public Law 89-564. In accordance with this Public Law, NHTSA is required not to release any case information until completion of quality control procedures. These procedures include a review of the case material to extract all names, licenses and registration numbers, non-coded interview material, non-research related researcher comments in the margins, non-factual data, and the production number portion of the vehicle identification number (VIN).

If you requested NHTSA to query its database files in order to identify a specific crash, then that query was made using non-personal descriptors you provided for use in our search. This motor vehicle crash may have been identified from a data search and matches the general, non-personal descriptors you provided, but we cannot confirm that this is the specific crash report you requested.

If you have any questions with regard to the above procedures, please contact the Field Operations Branch, Crash Investigation Division, National Center for Statistics and Analysis at 202-366-4820. Again, please be advised that we cannot confirm that this is the case that you have specifically requested nor can we certify the information to be correct.

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AUTO SAFETY HOTLINE  
(800) 424-9393  
Wash. D.C. Area 366-0123

Case Vehicle (A): 1999 Volkswagen  
Type: Jetta, 4-door sedan  
Driver: 32-year-old male  
CDC: 06-BDEW-7, 01-FDEW-3

Vehicle (B): 1998 Dodge  
Type: Ram 1500, 4x4 pickup  
Driver: 27-year-old female  
CDC: 99-0000-0

Vehicle (C): 2001 Dodge  
Type: Dakota, 4x4 pickup  
Driver: 35-year-old female  
CDC: 99-0000-0

## SITUATION

(Slide 1) Case vehicle (A) was traveling north in the northbound lane of a straight section of a dry, asphalt, two-lane roadway, (slide 2) with a speed limit of 48 kph (30 mph). Vehicle (B) was traveling south in the southbound lane of the same roadway. Vehicle (C) was traveling north in the same northbound lane, behind case vehicle (A). Vehicle (C) struck the rear of case vehicle (A) and caused case vehicle (A) to veer sharply to the left, cross the centerline, and enter the path of vehicle (B). The driver of case vehicle (A) reportedly attempted to avoid a collision with vehicle (B) by veering to the right and braking, but case vehicle (A) struck the front of vehicle (B) with its front.

## GENERAL VEHICLE DAMAGE AND ESTIMATED CRASH SEVERITIES

(Slide 3) Damage to case vehicle (A) was severe. The direct-damage length for the rear impact was 151 cm and extended across the entire rear of the vehicle. The maximum crush was 91 cm and occurred 28-cm inboard from the left-front bumper corner. The direct-damage length for the frontal impact was 152 cm, and extended across the entire front of the vehicle. The maximum crush was 45 cm and occurred 56-cm inboard from the left-front bumper corner. The left wheelbase was reduced 16 cm, and the right wheelbase was reduced 8 cm.

Using the WinSMASH accident-reconstruction program and (slides 4, 5, 6, 7, 8) c-values for case vehicle (A), the following impact severities were calculated:

Vehicle	Variable	Calculated Velocity Change - kph (mph)		
		Total	Longitudinal	Latitudinal
Case Vehicle (A) rear impact	EBS	56 (35)	56 (35)	0 (0)
Case Vehicle (A) front impact	EBS	35 (22)	-33 (-21)	-12 (-8)

## DESCRIPTION OF DAMAGE TO CASE VEHICLE (A)

### Exterior

(Slides 9, 10, 11, 12, 13, 14, 15) The front bumper, both headlight assemblies, the grille, and the radiator were severely crushed from the impact with vehicle (B). (Slide 16) The hood was crushed and elevated and contacted the windshield, but did not penetrate it. (Slides 17, 18) The hood latch was damaged and released. Both hood hinges were damaged. The windshield was cracked by the stress of impact forces. The right fender was buckled and the left fender was severely buckled. Both front doors remained closed and operational. Both rear doors were jammed shut. All of the wheel struts were damaged. Both quarter-panels were severely buckled. The roof was buckled and the left upper A-pillar was deformed, as a result of the deformation of both of the C-pillars and both rear roof siderails. The back bumper, both taillight assemblies and the trunk lid were severely crushed from the rear impact by vehicle (C).

### Interior

(Slides 19, 20, 21, 22, 23, 24) This vehicle was equipped with both steering-wheel and passenger frontal-impact airbags, and both deployed during the frontal impact. No damage was noted to the airbag skins or (slides 25, 26, 27, 28) to the module doors/flaps. (Slide 29) No occupant contact marks were noted to the airbag module doors/flaps. (Slide 30) The upper half of the steering-wheel rim was deflected slightly forward and there was slight deformation of the steering-wheel spokes. There was minor rotation of the steering column to the right. The driver seatback recliner mechanism did not hold. (Slides 31, 32) The left rear door, the door hardware, the armrest, the left-rear glass, the left B-pillar, both rear roof siderails and the back-light header were deformed. The shelf below the back-light and the rear seatback were damaged by intrusion. (Slides 33, 34, 35, 36, 37) No contact points were noted on the left-roof siderail, the left upper A-pillar, or the left-front door interior panel. No damage was noted to the upper and mid instrument panels. The following intrusions were noted and measured.

Location	Component	Distance (cm)	Direction
left rear	seatback	40	forward
center rear	seatback	34	forward
right rear	seatback	28	forward

## OCCUPANT INJURIES AND KINEMATICS

The 5-ft, 11-in, 185-lb, 32-year-old male driver (slide 38, 39) was wearing the available three-point belt, as indicated by a webbing imprint on the plastic continuous loop of the seatbelt tongue assembly, and (slide 40) the steering-wheel airbag deployed. During the initial rear impact, he moved rearward into the seatback. (Slides 41, 42) During the frontal impact, he moved forward and slightly to the right into the shoulder belt and the airbag. He sustained a Grade-I laceration of the spleen, possibly from contact with the door. He sustained a contusion to his left hip, probably from loading by the lap belt, but possibly from contact with the door interior. (Slides 43, 44) He sustained an abrasion to the right shin, probably from contact with the knee bolster. He also sustained a fracture of the right distal 5<sup>th</sup> phalanx, possibly from hand contact with the instrument panel, although no contact point was noted that could be associated with this injury.

The following table and (slide 45) attached drawing summarize the injuries sustained by the driver.

Occupant: Driver  
Restraints: 3-point belt worn; airbag deployed

Age: 32 years  
Stature: 180 cm (5 ft, 11 in)

Gender: Male  
Mass: 84 kg (185 lb)

Injury Description	A.I.S.	Injury Source		
		Definite	Probable	Possible
Laceration, spleen, Grade-I	2			Door
Fracture, distal right 5 <sup>th</sup> phalanx	1			Instrument panel
Contusion, left hip	1		Lap belt	Door
Abrasions, right shin	1		Knee bolster	
<u>Maximum A.I.S. Level</u>	<u>2</u>			
<u>Injury Severity Score</u>	<u>6</u>			

<b>TIME</b>		<b>ENVIRONMENTAL CONDITIONS</b>	
<b>DATE OF COLLISION</b>		<b>CONSTRUCTION ZONE</b>	
m m / d d / y y y y		(0) NO (1) YES (9) UNKNOWN	
HOUR OF COLLISION (24 HOUR CLOCK) 21 —— 24		4 33	
<b>LOCATION</b>		<b>ROAD ALIGNMENT VERTICAL PLANE</b>	
STATE: _____		(1) LEVEL (2) CREST OF HILL (3) SLOPE (2%) (4) BOTTOM OF HILL (9) UNKNOWN	
STATE FIPS CODE 25 —— 26		1 34	
<b>AREA</b>		<b>ROAD ALIGNMENT HORIZONTAL PLANE</b>	
(1) URBAN (2) RURAL (9) UNKNOWN		(1) STRAIGHT (2) CURVE (3) T - SHAPED (4) Y - SHAPED (7) OTHER: _____ (9) UNKNOWN	
4 35		1 35	
<b>ENVIRONMENTAL CONDITIONS</b>		<b>SURFACE COVERING</b>	
<b>LIMITED-ACCESS HIGHWAY</b>		(10) DRY  (21) WATER - DAMP (22) WATER - WET (23) WATER - PUDDLED (29) WATER - AMOUNT UNKNOWN	
(0) NO (1) YES (9) UNKNOWN		1 36 37	
<b>ROAD, TOTAL TRAFFIC LANES (FOR CASE VEHICLE)</b>		(31) SNOW - LOOSE (32) SNOW - PACKED (39) SNOW - CONDITION UNKNOWN	
(1) 1-LANE (2) 2-LANES (3) 3-LANES (4) 4 OR MORE LANES (5) DIVIDED, 4 OR MORE LANES (6) PARKING LOT/DRIVeway (7) OTHER: _____ (9) UNKNOWN		2 38	
2 29		(41) ICE (51) SLUSH (61) SPILLED GRAVEL (71) OTHER: _____ (99) UNKNOWN	
<b>INTERSECTING RD, TOTAL LANES CHOOSE FROM ABOVE LIST, OR</b>		<b>VISIBILITY LIMITATION (FOR CASE VEHICLE)</b>	
(8) NOT APPLICABLE		(0) NONE (1) CLOUDY/DARK (2) FOG (3) SMOKE (4) WINDSHIELD CONDITION (5) GLARE (6) RAIN (7) OTHER: _____ (8) ICE/SNOW (9) UNKNOWN	
8 30		1 38	
<b>TYPE OF ROAD SURFACE</b>		<b>VISIBILITY OBSTRUCTION (FOR CASE VEHICLE)</b>	
(1) ASPHALT (2) CONCRETE (3) GRAVEL (4) MORE THAN ONE (CIRCLE EACH) (7) OTHER: _____ (9) UNKNOWN		(0) NONE (1) BUILDING (2) SIGN (3) VEGETATION (E.G. BUSHES, SHRUBS) (4) TREE (5) HILL OR CURVE IN ROAD (6) VEHICLE IN TRANSPORT (7) OTHER: _____ (8) PARKED VEHICLE (9) UNKNOWN	
1 31		1 39	
<b>ROAD DEFECTS</b>			
(0) NO (1) YES (9) UNKNOWN			
1 32			

## ENVIRONMENTAL CONDITIONS

## SPEED LIMIT

- (0) 5-45 km/h ..... 5-25 mph  
 (1) 46-55 ..... 30  
 (2) 56-60 ..... 35  
 (3) 61-70 ..... 40  
 (4) 71-79 ..... 45  
 (5) 80-85 ..... 50  
 (6) 86-90 ..... 55  
 (7) 91-105 ..... 60  
 (8) OVER 105 ..... 65  
 (9) UNKNOWN

## PRECIPITATION

- (0) NONE  
 (1) RAIN  
 (2) SNOW  
 (3) HAIL  
 (4) FREEZING RAIN/SLEET  
 (7) OTHER: \_\_\_\_\_  
 (9) UNKNOWN

## RATE OF PRECIPITATION

- (1) LIGHT/MIST  
 (2) MODERATE  
 (3) HEAVY  
 (8) NOT APPLICABLE  
 (9) UNKNOWN

## TEMPERATURE

- (0) BELOW -15° C ..... BELOW 5° F  
 (1) -15 TO -6 ..... 5 TO 22  
 (2) -5 TO -1 ..... 23 TO 31  
 (3) 0 TO 2 ..... 32 TO 36  
 (4) 3 TO 5 ..... 37 TO 41  
 (5) 6 TO 15 ..... 42 TO 59  
 (6) 16 TO 25 ..... 60 TO 77  
 (7) 26 TO 35 ..... 78 TO 95  
 (8) OVER 35 ..... OVER 96  
 (9) UNKNOWN

## CROSSWIND

- (0) NONE  
 (1) LIGHT  
 (2) STRONG  
 (3) GUSTY & STRONG  
 (9) UNKNOWN

## LIGHT CONDITIONS

- (1) DAYLIGHT  
 (2) DAWN  
 (3) DUSK  
 (4) DARK, LIGHTED  
 (5) DARK, UNLIGHTED  
 (6) DARK, UNKNOWN IF LIGHTED  
 (9) UNKNOWN

I  
40

## MECHANICAL MALFUNCTION

WAS THERE MENTION  
OF A MECHANICAL MALFUNCTION  
IN CASE VEHICLE

- (0) NO  
 (1) YES  
 (2) YES, DID NOT CONTRIBUTE  
TO ACCIDENT  
 (9) UNKNOWN

O  
46Ø  
41THE FOLLOWING SECTION SHOULD BE FILLED  
OUT IF A MECHANICAL MALFUNCTION IS  
RECOGNIZED OR SUSPECTED.CIRCLE ITEMS INVOLVED. SUPPORT ANY  
ITEMS CIRCLED WITH COMMENTS.8  
42

BRAKE SYSTEM	DRIVER CONTROLS
EXHAUST SYSTEM	POWER TRAIN
STEERING SYSTEM	FUEL SYSTEM
SUSPENSION SYSTEM	VISIBILITY ITEMS
ELECTRICAL SYSTEM	TIRES
THROTTLE CONTROLS	UNKNOWN

9  
43

OTHER: \_\_\_\_\_

9  
44

COMMENTS: \_\_\_\_\_

I  
45

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## GENERAL INFORMATION GI-3

## CRASH DETAILS

## CASE VEHICLE AND OBJECT

- (0) NO  
 (1) YES  
 (9) UNKNOWN

## CASE VEHICLE ROLLOVER

- (0) NO ROLLOVER  
 (1) YES, FIRST EVENT  
 (2) YES, SUBSEQUENT EVENT  
 (3) YES, SEQUENCE UNKNOWN  
 (9) UNKNOWN

CASE VEHICLE RAN OFF ROADWAY  
(BEFORE FIRST IMPACT)

- (0) NO  
 (1) YES  
 (9) UNKNOWN

## MOVING CASE VEHICLE AND CONTACTED MOVING VEHICLE

- (0) NO  
 (1) YES  
 (9) UNKNOWN

## CASE VEHICLE AND CONTACTED STOPPED VEHICLE

- (0) NO  
 (1) YES  
 (9) UNKNOWN

## STOPPED CASE VEHICLE AND CONTACTED VEHICLE

- (0) NO  
 (1) YES  
 (9) UNKNOWN

## TOTAL NUMBER OF VEHICLES CONTACTED BY CASE VEHICLE IN CRASH

- (8) 8 OR MORE  
 (9) UNKNOWN

ANY FIRE IN THIS CRASH  
(NOT JUST CASE VEHICLE)

- (0) NO  
 (1) YES  
 (9) UNKNOWN

(1)  
47(1)  
48(1)  
49(1)  
50(1)  
51(1)  
52(2)  
53(1)  
54HIGHEST POLICE INJURY SEVERITY CODE IN CRASH  
(NOT JUST CASE VEHICLE)

- (0) O - NO INJURY  
 (1) C - POSSIBLE INJURY  
 (2) B - NON-INCAPACITATING INJURY  
 (3) A - INCAPACITATING INJURY  
 (4) K - FATAL  
 (5) INJURED, SEVERITY UNKNOWN  
 (6) DIED PRIOR TO ACCIDENT  
 (7) NON-FATAL INJURY  
 SEVERITY UNKNOWN  
 (9) UNKNOWN

(1)  
55

## DRIVER IMPAIRMENT

DRIVER ALCOHOL INVOLVEMENT  
(CASE VEHICLE)

- (0) NONE  
 (1) YES  
 (9) UNKNOWN/NOT REPORTED/  
 NO DRIVER

(1)  
56DRIVER ALCOHOL BAC  
(CASE VEHICLE)

- (80) NO TEST  
 (90) CHEMICAL TESTS, NO RESULTS  
 (95) AUTOPSY, NO RESULTS  
 (99) UNKNOWN

8 (1)  
57 58

## WAS THERE MENTION OF DRIVER IMPAIRMENT FOR CASE VEHICLE?

- (0) NO  
 (1) YES  
 (9) UNKNOWN

(1)  
59

## LIST IMPAIRMENTS MENTIONED:

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## POST-CRASH DETAIL

## MANNER CASE VEHICLE LEFT SCENE

- (1) DRIVEN  
 (2) TOWED DUE TO DAMAGE  
 (3) TOWED, NOT DUE TO DAMAGE  
 (4) TOWED, REASON UNKNOWN  
 (9) UNKNOWN

2  
60

# ACCIDENT SCHEMATIC

ACCIDENT DESCRIPTION: Case vehicle (A) was traveling north on a 2-lane roadway. Vehicle (B) was traveling south on the same roadway. Vehicle (C) was traveling north behind case vehicle (A). Vehicle (C) struck the rear of case vehicle (A) and caused case vehicle (A) to veer sharply to the left, cross the center line, and enter the path of vehicle (B). The driver of case vehicle (A) attempted to avoid a collision with vehicle (B) by veering to the right and braking, but case vehicle (A) struck the front of vehicle (B) with its front.

CASE VEHICLE (A): 1999 Volkswagen Jetta

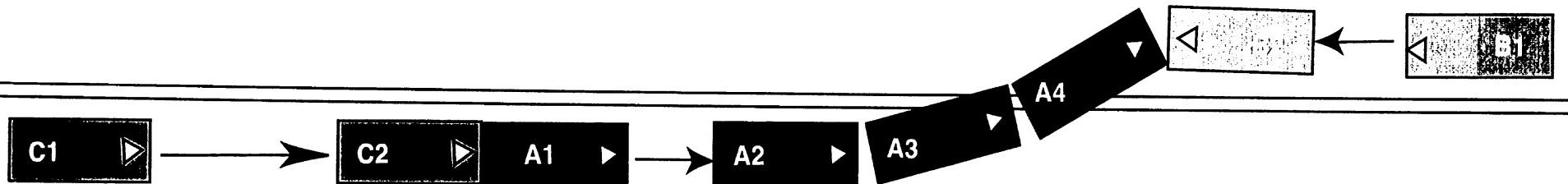
OTHER VEHICLE (B): 1998 Dodge Ram 1500 4x4 pickup

THIRD VEHICLE (C): 2001 Dodge Dakota 4x4 pickup



NORTH

48 kph (30 mph) speed limit



Duplicate columns 1-8  
from the previous card.

Module O  
9      V      10  
Format 0  
11      4  
12

OTHER VEHICLE      OV-1

MAKE: Dodge  
MODEL: Ram 1500 club cab

CARGO: Unknown

VIN

1B7HF13Y4WJ

29 (VEH. B.)

13

MANUF/BODY CODE

13212

30

34

MAKE/MODEL CODE

3235

38

MODEL YEAR

1998

39

42

VEHICLE MASS (kg)

002273

43

48

IF SEPARATE REPORT WAS MADE,  
GIVE VEHICLE NUMBER

0

NUMBER OF OCCUPANTS  
(ENTER 9'S IF UNKNOWN)

01

51

TRAVELING SPEED (km/h)

999

54

- (000) PARKED OR STOPPED
- (995) JUST STARTING UP
- (996) BACKING UP
- (997) SPEED NOT EXCESSIVE (BUT UNKNOWN)
- (998) SPEED EXCESSIVE (BUT UNKNOWN)
- (999) UNKNOWN

HIGHEST POLICE INJURY SEVERITY  
CODE FOR THIS VEHICLE

0  
55

- (0) O - NO INJURY
- (1) C - POSSIBLE INJURY
- (2) B - NON-INCAPACITATING INJURY
- (3) A - INCAPACITATING INJURY
- (4) K - FATAL
- (5) INJURED, SEVERITY UNKNOWN
- (6) DIED PRIOR TO ACCIDENT
- (7) NON-FATAL INJURY  
SEVERITY UNKNOWN
- (8) UNOCCUPIED VEHICLE  
(NOT APPLICABLE)
- (9) UNKNOWN

#### VEHICLE TYPE

##### PASSENGER VEHICLE

- (02) LARGE
- (03) LIMOUSINE
- (17) PICKUP CAR
- (20) UNKNOWN PASSENGER VEHICLE BODY
- (24) SUB-MINI
- (25) MINI
- (26) SUB-COMPACT
- (27) COMPACT
- (28) INTERMEDIATE
- (29) FULL

12

56      57

##### MULTIPURPOSE PASSENGER VEHICLE

- (14) SMALL UTILITY (WHEELBASE LESS THAN 107",  
E.G. JEEP, BRONCO)
- (15) LARGE UTILITY (WHEELBASE MORE THAN 107",  
E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (17) PICKUP CAR WITH CANOPY/SHELL COVER
- (21) MOTOR HOME
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (23) PICKUP CAR WITH SLIDE-IN CAMPER
- (31) CHASSIS-MOUNTED CAMPER

#### TRUCK

- (11) VAN
- (12) PICKUP TRUCK
- (13) UNKNOWN LIGHT TRUCK
- (15) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (30) UNKNOWN TRUCK TYPE
- (31) CHASSIS-MOUNTED CAMPER
- (33) DELIVERY VAN (WALK-IN)
- (34) STRAIGHT TRUCK
- (35) TRUCK-TRACTOR (BOBTAIL)
- (36) CHASSIS-CAB
- (37) UNKNOWN HEAVY TRUCK
- (38) TRACTOR & SEMI-TRAILER (SEMI)
- (39) TRUCK (OR SEMI) & FULL TRAILER(S)

#### BUS

- (40) UNKNOWN BUS TYPE
- (41) SCHOOL BUS
- (42) INTERCITY BUS (BETWEEN CITIES)
- (43) TRANSIT BUS (INTRACITY)
- (44) STREETCAR (ON TRACKS)

- (68) TRAIN (CARS)
- (69) LOCOMOTIVE (ENGINE, SWITCHER)

(99) UNKNOWN

WHEELBASE (cm)  
(999) UNKNOWN

353

58 59 60

Duplicate columns 1-8  
from the previous card.

Module O V Format 0 2  
9 10 11 12

OTHER VEHICLE OV-2

Wheelbase

353 cm

Front Overhang

98 cm

Curb Weight

2273 kg

Rear Overhang

110 cm

Average Track Width

172 cm

Undeformed End Width (UEW)

110 cm

Overall Length

559 cm

Engine Displacement

5.2 L

Overall Width (OAW)

202 cm

Engine: # of Cylinders

8

### VEHICLE DAMAGE

Not Inspected

### FRONTAL CRASH OVERLAP

Round up for .5. 98 = 98% or more  
Enter % overlap or "99" for missing or N/A.

Direct Damage Length (DDL)

99 cm

Front-End Overlap (Percent) =  $\frac{DDL}{UEW}$

99 %

Vehicle Overlap (Percent) =  $\frac{DDL + 1/2(OAW - UEW)}{OAW}$

99 %

MAKE: Dodge  
MODEL: Dakota 4x4

CARGO: Unknown

VIN

1B7GG2AN11S

13

(veh.c)

MANUFAC/BODY CODE

13212

30

34

MAKE/MODEL CODE

3225

38

MODEL YEAR

2001

39

42

VEHICLE MASS (kg)

999999

43

48

IF SEPARATE REPORT WAS MADE,  
GIVE VEHICLE NUMBER1NUMBER OF OCCUPANTS  
(ENTER 9'S IF UNKNOWN)1

51

TRAVELING SPEED (km/h)

999

54

- (000) PARKED OR STOPPED
- (995) JUST STARTING UP
- (996) BACKING UP
- (997) SPEED NOT EXCESSIVE (BUT UNKNOWN)
- (998) SPEED EXCESSIVE (BUT UNKNOWN)
- (999) UNKNOWN

HIGHEST POLICE INJURY SEVERITY  
CODE FOR THIS VEHICLE1

55

- (0) O - NO INJURY
- (1) C - POSSIBLE INJURY
- (2) B - NON-INCAPACITATING INJURY
- (3) A - INCAPACITATING INJURY
- (4) K - FATAL
- (5) INJURED, SEVERITY UNKNOWN
- (6) DIED PRIOR TO ACCIDENT
- (7) NON-FATAL INJURY  
SEVERITY UNKNOWN
- (8) UNOCCUPIED VEHICLE  
(NOT APPLICABLE)
- (9) UNKNOWN

## VEHICLE TYPE

## PASSENGER VEHICLE

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- (03) LIMOUSINE
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- (20) UNKNOWN PASSENGER VEHICLE BODY
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- (29) FULL

12

56

57

## MULTIPURPOSE PASSENGER VEHICLE

- (14) SMALL UTILITY (WHEELBASE LESS THAN 107'.  
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- (35) TRUCK-TRACTOR (BOOSTAIL)
- (36) CHASSIS-CAB
- (37) UNKNOWN HEAVY TRUCK
- (38) TRACTOR & SEMI-TRAILER (SEMI)
- (39) TRUCK (OR SEMI) & FULL TRAILER(S)

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- (43) TRANSIT BUS (INTRACITY)
- (44) STREETCAR (ON TRACKS)
- (68) TRAIN (CARS)
- (69) LOCOMOTIVE (ENGINE, SWITCHER)
- (99) UNKNOWN

WHEELBASE (cm)

(999) UNKNOWN

999

58

59

60

61

Duplicate columns 1-8  
from the previous card.

Module O  
9      V 10 Format 0  
11      2  
12

OTHER VEHICLE

OV-2

ORIGINAL SPECIFICATIONS

Wheelbase

999 cm

Front Overhang

Φ 87 cm  
22      24

Curb Weight

999 kg

Rear Overhang

126 cm  
25      27

Average Track Width

155 cm  
13      15

Undeformed End Width (UEW)

150 cm  
28      30

Overall Length

999 cm  
16      18

Engine Displacement

4.7 L  
31      32

Overall Width (OAW)

182 cm  
19      21

Engine: # of Cylinders

8  
33      34

VEHICLE DAMAGE

Not Inspected

FRONTAL CRASH OVERLAP

Round up for .5. 98 = 98% or more  
Enter % overlap or "99" for missing or N/A.

Direct Damage Length (DDL)

999 cm  
35      37

Front-End Overlap (Percent) = DDL  
UEW

99%  
38      39

Vehicle Overlap (Percent) = DDL + 1/2 (OAW - UEW)  
OAW

99%  
40      41

Duplicate columns 1-8  
from the previous card.

Module V 9 D 10 Format 0 11 4 12

VEHICLE DESCRIPTION VD-1

MAKE: Volkswagen  
MODEL: Jetta GLS

CARGO: Unknown

VIN

3VWSA29M6X M [REDACTED] [REDACTED]

MANUFAC/BODY CODE

18126

MAKE/MODEL CODE

0832

MODEL YEAR

1999

VEHICLE MASS (kg)

001279

ODOMETER (km)

(ENTER 9's IF UNKNOWN)  
(ENTER 8's IF ELECTRONIC)

888888

NUMBER OF OCCUPANTS  
(ENTER 9's IF UNKNOWN)

01  
999

TRAVELING SPEED (km/h)

- (000) PARKED OR STOPPED  
(995) JUST STARTING UP  
(996) BACKING UP  
(997) SPEED NOT EXCESSIVE (BUT UNKNOWN)  
(998) SPEED EXCESSIVE (BUT UNKNOWN)  
(999) UNKNOWN

VEHICLE TYPE

PASSENGER VEHICLE

- (11) 2-DOOR HARDTOP (NO UPPER B-PILLAR)  
(12) 2-DOOR SEDAN OR COUPE  
(ANY UPPER B-PILLAR)  
(13) 4-DOOR HARDTOP  
(14) 4-DOOR SEDAN  
(15) STATION WAGON  
(16) CONVERTIBLE  
(18) OTHER PASS. VEH.: \_\_\_\_\_  
(19) PASSENGER VEHICLE, TYPE UNKNOWN

MULTIPURPOSE PASSENGER VEHICLE

- (21) SMALL UTILITY (E.G. JEEP, SCOUT, BRONCO)  
(22) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)  
(23) VAN, SIZE UNKNOWN  
(24) VAN, SMALL (MINI)  
(25) VAN, LARGE  
(29) MPV, TYPE UNKNOWN  
(30) MOTOR HOME

TRUCK

- (31) PICKUP TRUCK, UNKNOWN  
(32) PICKUP TRUCK, SMALL (DOWNSIZED)  
(33) PICKUP TRUCK, LARGE  
(99) UNKNOWN

STOLEN VEHICLE

- (0) NO  
(1) YES  
(8) NOT COLLECTED  
(9) UNKNOWN

BODY STRUCTURE

- (1) BODY & FRAME  
(2) UNITIZED  
(3) INTEGRAL-STUB FRAME  
(4) BODY & PLATFORM FRAME  
(E.G. VW BUG)  
(5) PARTIALLY UNITIZED  
(7) OTHER: \_\_\_\_\_  
(9) UNKNOWN

TRANSMISSION

- (0) NONE  
(1) AUTOMATIC  
(2) MANUAL  
(9) UNKNOWN

LOCATION OF TRANSMISSION  
SELECTOR LEVER

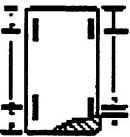
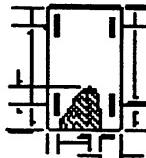
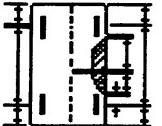
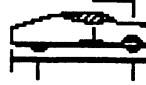
- (1) FLOOR  
(2) CONSOLE  
(3) COLUMN  
(7) OTHER: \_\_\_\_\_  
(9) UNKNOWN

STEERING

- (1) POWER  
(2) MANUAL  
(9) UNKNOWN

BRAKES

- (1) POWER  
(2) MANUAL  
(9) UNKNOWN

TYPE OF BRAKES  (1) DRUM, ALL WHEELS (2) DISC, FRONT WHEELS (3) DISC, ALL WHEELS (9) UNKNOWN	3 68	WHEELBASE (cm) (999) Unknown	251 76 77 78
BRAKE ANTI-LOCK DEVICE  (0) NONE INSTALLED (1) TWO-WHEEL (2) FOUR-WHEEL (7) EQUIPPED, UNKNOWN WHEELS (9) UNKNOWN	2 69	PLASTIC ANTI-LACERATIVE INNER LAYER GLASS EQUIPPED  (0) NONE (1) WINDSHIELD (2) WINDSHIELD AND SIDE (7) OTHER (9) UNKNOWN	Ø 79
AIR CONDITIONING IN VEHICLE  (0) NO (1) YES (8) NOT COLLECTED (9) UNKNOWN	8 70		
TYPE OF DRIVE  (1) REAR WHEEL (2) FRONT WHEEL (3) FOUR WHEEL (4) ALL WHEEL DRIVE (9) UNKNOWN	2 71	FIELD INVESTIGATOR INSTRUCTIONS:  1. INDICATE CRUSHED AREAS BY OUT-LINING NEW PERIMETER OF VEHICLE AND SHADING THE DAMAGED AREAS ON THE LARGE SKETCH ON PAGE VD-3. USE AS MANY SKETCHES AS NECESSARY TO COMPLETELY DESCRIBE THE DAMAGE.  2. ENTER THE DIMENSIONS ON THE SKETCH(ES) MEASURED TO THE POINT OF MAXIMUM PENETRATION BY THE OBJECT(S) CONTACTED. USE THE EXAMPLES BELOW AS A GUIDE.  3. ENTER THE THREE DIMENSIONS TO THE CENTER OF THE WHEELS (WHEELBASE, FRONT AND REAR OVERHANGS) ON BOTH SIDES OF THE CAR.  4. ADD OTHER DIMENSIONS AS NECESSARY TO COMPLETELY DESCRIBE THE DAMAGE.	
DUAL REAR WHEELS  (0) NO (1) YES (9) UNKNOWN	Ø 72	EXAMPLES:	
ORIGINAL TYPE OF RESTRAINT SYSTEM  (1) ACTIVE BELT (2) PASSIVE BELT (3) AIRBAG (4) KNEE BOLSTERS (7) OTHER: _____ (8) NOT APPLICABLE (NOT EQUIPPED) (9) UNKNOWN	3 73	 FRONT OR REAR	 SIDE
EQUIPPED WITH ROLL BAR  (0) NO (1) YES (9) UNKNOWN	Ø 74	 ROOF (REFERENCE TO TOP OF DOOR SILL OR WINDOW SILL)	
TYPE OF ROOF  (0) NONE (1) SOLID (2) T-TOP CLOSED (3) T-TOP OPEN (4) SUN ROOF CLOSED (5) SUN ROOF OPEN (6) CONVERTIBLE CLOSED (7) CONVERTIBLE OPEN (8) OTHER: _____ (9) UNKNOWN	1 75		

Duplicate columns 1-8  
from the previous card.

Module V  
9      D    Format 0  
              10    11    2  
              12

VEHICLE DESCRIPTION      VD-3

Wheelbase

251

cm

Front Overhang

088  
22      24

Curb Weight

1279

kg

Rear Overhang

078  
25      27

Average Track Width

150  
13      15

cm

Undeformed End Width (UEW)

150  
28      30

Overall Length

415  
16      18

cm

Engine Displacement

2.0  
31      32

Overall Width (OAW)

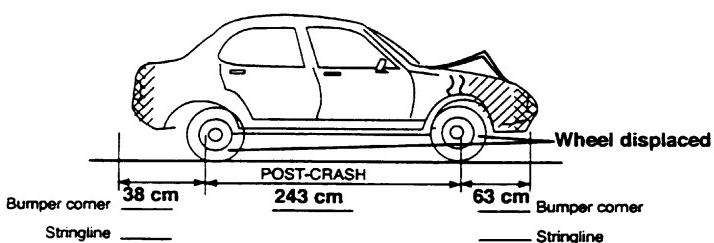
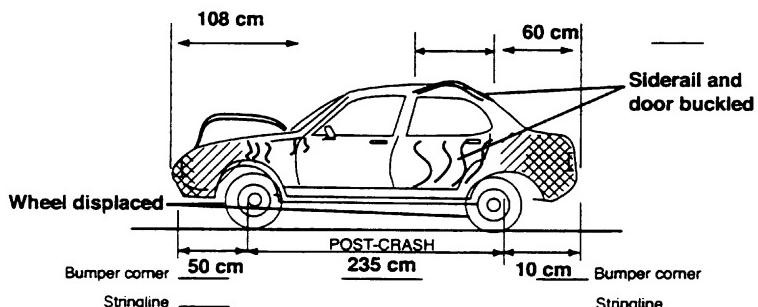
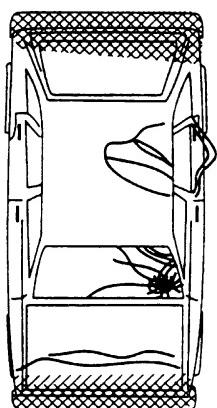
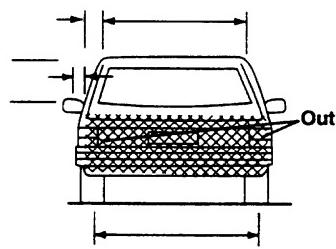
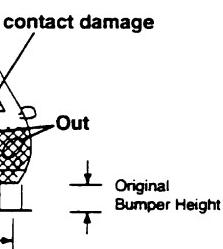
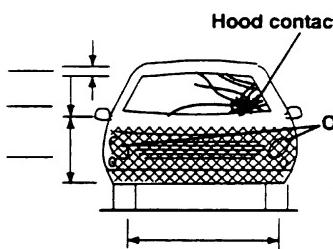
174  
19      21

cm

Engine: # of Cylinders

04  
33      34

MEASUREMENTS IN CENTIMETERS



FRONTAL CRASH OVERLAP

Round up for .5. 98 = 98% or more  
Enter % overlap or "99" for missing or N/A.

Direct Damage Length (DDL)

151  
35      37

Front-End Overlap (Percent) =  $\frac{DDL}{UEW}$

98  
38      39

Vehicle Overlap (Percent) =  $\frac{DDL + 1/2(OAW - UEW)}{OAW}$

98  
40      41

Duplicate columns 1-8  
from the previous card.

Module D  
9    A  
10    Format 0  
11    2  
12

DAMAGE DA-1

PRIMARY	CASE VEHICLE PRIMARY CDC	CONTACTED VEHICLE ASSOCIATED CDC	
	EVENT NUMBER	<u>1</u> <u>999</u> 13 14    15    16	<u>999</u> 35    36    37 <u>1</u> 38
	IMPACT SPEED (km/h)		
	ESTIMATED BY	<u>1</u> 17 18    19    20	
	CRUSH (cm)	<u>Ø91</u> 18    19    20	<u>999</u> 39    40    41
	CDC #1	<u>Ø6.BDEW7</u> 21                      27	<u>99ØØØØØ</u> 42                      48
	CDC #2	<u>98ØØØØØØ</u> 28                      34	<u>98ØØØØØØ</u> 49                      55

Duplicate columns 1-8  
from the previous card.

Module D  
9    A  
10    Format 0  
11    3  
12

SECONDARY	CASE VEHICLE SECONDARY CDC	CONTACTED VEHICLE ASSOCIATED CDC	
	EVENT NUMBER	<u>2</u> <u>999</u> 13 14    15    16	<u>999</u> 35    36    37 <u>1</u> 38
	IMPACT SPEED (km/h)		
	ESTIMATED BY	<u>1</u> 17 18    19    20	
	CRUSH (cm)	<u>Ø45</u> 18    19    20	<u>999</u> 39    40    41
	CDC #1	<u>Ø1.FDEW3</u> 21                      27	<u>99ØØØØØ</u> 42                      48
	CDC #2	<u>98ØØØØØØ</u> 28                      34	<u>98ØØØØØØ</u> 49                      55

### CODES

EVENT NUMBER	IMPACT SPEED ESTIMATOR	CRUSH
(8) NOT APPLICABLE	(1) INVESTIGATOR	(998) NOT APPLICABLE (NO VEHICLE/DAMAGE)
(9) UNKNOWN	(2) DRIVER	(999) UNKNOWN
IMPACT SPEED	(3) POLICE	CDC
(4) "CRASH" PROGRAM	(5) OTHER COMPUTER PROGRAM	
(998) NOT APPLICABLE	SPECIFY: _____	
(999) UNKNOWN	(7) OTHER: _____	(9800000) NOT APPLICABLE
	(8) NOT APPLICABLE (NO VEHICLE/NO IMPACT)	(9900000) UNKNOWN

Duplicate columns 1-8  
from the previous card.

Module D  
9      A      Format 0  
              10     11    1  
              12

DAMAGE DA-2

### MAXIMUM SHEET METAL CRUSH

(cm) (999) UNKNOWN

FRONT Ø 45  
13    —    15

RIGHT SIDE Ø Ø Ø  
16    —    18

REAR Ø 91  
19    —    21

LEFT SIDE Ø Ø Ø  
22    —    24

ROOF Ø Ø Ø  
25    —    27

OTHER Ø Ø Ø  
28    —    30

### CHRONOLOGICAL SEQUENCE OF DAMAGE/INJURY PRODUCING CRASH EVENTS FOR CASE VEHICLE

NOTE: IF CHRONOLOGICAL ORDER  
IS UNKNOWN, EVENT  
ORDER IS OPTIONAL.

DO YOU KNOW THIS TABLE  
TO BE IN CHRONOLOGICAL ORDER?

1  
31

- (0) NO  
(1) YES

EVENT NUMBER	IMPACT LOCATION (1) ON ROADWAY (2) SHOULDER/MEDIAN/GORE (3) ON ROADSIDE (4) OUTSIDE ROADSIDE RIGHT-OF-WAY (5) OTHER (6) OFF ROADWAY, LOC. UNK. (9) UNKNOWN	IMPACT CONFIGURATION FOR CODES, SEE TABLE ON PAGE DA-3.	OBJECT/VEHICLE CONTACTED FOR CODES, SEE TABLE ON PAGE DA-4.
# 1	<u>1</u> 32	<u>31</u> 34	<u>12</u> 36
#2	<u>1</u> 37	<u>11</u> 39	<u>12</u> 41
#3	<u>—</u> 42	<u>—</u> 44	<u>—</u> 46
#4	<u>—</u> 47	<u>—</u> 49	<u>—</u> 51
#5	<u>—</u> 52	<u>—</u> 54	<u>—</u> 56
#6	<u>—</u> 57	<u>—</u> 59	<u>—</u> 61
#7	<u>—</u> 62	<u>—</u> 64	<u>—</u> 66

**CODES FOR  
IMPACT CONFIGURATION****FRONT OF CASE VEHICLE**

- (11) AND FRONT OF CONTACTED VEHICLE
- (13) AND SIDE OF CONTACTED VEHICLE
- (14) AND REAR OF CONTACTED VEHICLE
- (16) END\_SWIPED BY CONTACTED VEHICLE
- (17) AND OBJECT
- (19) AND UNKNOWN OTHER VEHICLE CONFIGURATION

**LEFT SIDE OF CASE VEHICLE**

- (21) AND FRONT OF CONTACTED VEHICLE (TYPE T)
- (22) AND FRONT OF CONTACTED VEHICLE (TYPE L)
- (23) AND SIDE OF CONTACTED VEHICLE (NOT SIDESWIPE)
- (24) AND REAR OF CONTACTED VEHICLE (TYPE T)
- (25) AND REAR OF CONTACTED VEHICLE (TYPE L)
- (26) SIDESWIPE\_BY CONTACTED VEHICLE
- (27) AND OBJECT
- (29) AND UNKNOWN OTHER VEHICLE CONFIGURATION

**REAR OF CASE VEHICLE**

- (31) AND FRONT OF CONTACTED VEHICLE
- (33) AND SIDE OF CONTACTED VEHICLE
- (34) AND REAR OF CONTACTED VEHICLE
- (36) END\_SWIPED\_BY CONTACTED VEHICLE
- (37) AND OBJECT
- (39) AND UNKNOWN OTHER VEHICLE CONFIGURATION

**RIGHT SIDE OF CASE VEHICLE**

- (41) AND FRONT OF CONTACTED VEHICLE (TYPE T)
- (42) AND FRONT OF CONTACTED VEHICLE (TYPE L)
- (43) AND SIDE OF CONTACTED VEHICLE (NOT SIDESWIPE)
- (44) AND REAR OF CONTACTED VEHICLE (TYPE T)
- (45) AND REAR OF CONTACTED VEHICLE (TYPE L)
- (46) SIDESWIPE\_BY CONTACTED VEHICLE
- (47) AND OBJECT
- (49) AND UNKNOWN OTHER VEHICLE CONFIGURATION

**OTHER**

- (57) VEHICLE TO OBJECT
- (58) VEHICLE TO VEHICLE
- (59) VEHICLE TO VEHICLE, CONFIGURATION UNKNOWN

**ROLLOVER**

- (61) LESS THAN 360°
- (62) 360° OR MORE
- (69) DETAILS UNKNOWN

**UNKNOWN**

- (99) IMPACT TYPE UNKNOWN

## CODES FOR VEHICLE/OBJECT CONTACTED

## VEHICLE/OBJECT GROUPS

- (00) NO OBJECT
- (01) - (39) PASSENGER VEHICLE & TRUCK
- (40) - (69) OTHER VEHICLE
- (70) - (76) PEDESTRIAN & ON-ROADWAY OBJECT
- (77) - (97) OFF-ROADWAY OBJECT
- (98) OTHER (DESCRIBE)
- (99) UNKNOWN

## PASSENGER VEHICLE

- (02) LARGE
- (03) LIMOUSINE
- (17) PICKUP
- (20) UNKNOWN PASSENGER VEHICLE BODY
- (24) SUB-MINI
- (25) MINI
- (26) SUB-COMPACT
- (27) COMPACT
- (28) INTERMEDIATE
- (29) FULL

## SIZE

WHEELBASE

SUB-MINI	< 2286 mm (< 90")
MINI	2286 - 2412 mm (90" - 94.9")
SUB-COMPACT	2413 - 2539 mm (95" - 99.9")
COMPACT	2540 - 2666 mm (100" - 104.9")
INTERMEDIATE	2667 - 2793 mm (105" - 109.9")
FULL	2794 - 2920 mm (110" - 114.9")
LARGE	2921 - 3174 mm (115" - 124.9")
LIMOUSINE	> 3175 mm (> 125")

## MULTIPURPOSE PASSENGER VEHICLE

- (11) SMALL VAN (MINI)
- (12) PICKUP
- (14) SMALL UTILITY (WHEELBASE LESS THAN 107", E.G. JEEP, BRONCO)
- (15) LARGE UTILITY (WHEELBASE MORE THAN 107", E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (17) PICKUP CAR WITH CANOPY/SHELL COVER
- (21) MOTOR HOME
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (23) PICKUP CAR WITH SLIDE-IN CAMPER
- (31) CHASSIS-MOUNTED CAMPER

## TRUCK

- (11) SMALL VAN (E.G. ECONOLINE)
- (12) PICKUP TRUCK
- (13) UNKNOWN LIGHT TRUCK
- (15) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (30) UNKNOWN TRUCK TYPE
- (31) CHASSIS-MOUNTED CAMPER
- (33) DELIVERY VAN (WALK-IN)
- (34) STRAIGHT TRUCK
- (35) TRUCK-TRACTOR (BOBTAIL)
- (36) CHASSIS-CAB
- (37) UNKNOWN HEAVY TRUCK
- (38) TRACTOR & SEMI-TRAILER (SEMI)
- (39) TRUCK (OR SEMI) & FULL TRAILER(S)

## BUS

- (40) UNKNOWN BUS TYPE
- (41) SCHOOL BUS
- (42) INTERCITY BUS (BETWEEN CITIES)
- (43) TRANSIT BUS (INTRACITY)
- (44) STREETCAR (ON TRACKS)

## MOTORCYCLE

- (50) UNKNOWN MOTORCYCLE TYPE
- (51) 1 - 75 cc
- (52) 76 - 125 cc
- (53) 126 - 250 cc
- (54) 251 - 500 cc
- (55) 501 - 750 cc
- (56) 751 cc +
- (57) 3-WHEELS (OR WITH SIDECAR)

## SPECIAL PURPOSE VEHICLE

- (60) UNKNOWN/OTHER SPECIAL VEHICLE (DESCRIBE)
- (61) SNOWMOBILE
- (62) ATV (ALL TERRAIN VEHICLE)
- (63) AMPHIBIOUS VEHICLE
- (64) FARM VEHICLE
- (65) CONSTRUCTION VEHICLE
- (66) TRAILER, PRIVATE (CAMPER)
- (67) TRAILER, COMMERCIAL (CARGO)
- (68) TRAIN (CARS)
- (69) LOCOMOTIVE (ENGINE, SWITCHER)

## OBJECT

- (70) PEDESTRIAN
- (71) BICYCLIST, OTHER PEDALCYCLIST
- (72) PEDESTRIAN CONVEYANCE (E.G. PERSON RIDING ANIMAL, CART)
- (73) LARGE ANIMAL
- (74) FALLEN OBJECT (E.G. OBJECT DISLODGED FROM OTHER VEHICLE, FALLEN TREE, ROCKS)
- (75) ROCKS
- (76) CONSTRUCTION EQUIPMENT (EXCLUDING (65))
- (77) SIGN POST, UTILITY POLE, TREE
- (78) DITCH
- (79) EMBANKMENT, SNOWBANK, RR TRACKS RR X
- (80) GROUND (ROLLOVER ONLY)
- (81) CURB (DAMAGE PRODUCING IMPACTS ONLY)
- (82) CULVERT
- (83) FENCE
- (84) HYDRANT, SHORT POST, STUMP
- (85) SMALL POST/TREE, RURAL MAIL BOX, MILE MARKER, DELINEATOR
- (86) BUILDING
- (87) PIER, PILLAR, BRIDGE SUPPORT
- (88) ABUTMENT, RETAINING WALL
- (89) BRIDGE RAIL
- (90) GUARD RAIL, LEADING SECTION
- (91) GUARD RAIL, MIDDLE OR UNKNOWN
- (92) GUARD RAIL, TRAILING SECTION
- (93) GUARD POST (TIMBER, METAL, CONCRETE)
- (94) CABLE, FENCE BARRIER
- (95) CONCRETE BARRIER (MEDIAN)
- (96) IMPACT ATTENUATOR
- (97) BREAKAWAY FEATURES



Duplicate columns 1-8  
from the previous card.

Module C    R Format 0    1  
              9    10    11    12

CRASH RECONSTRUCTION    CR-1  
for  $\Delta V$

		CASE VEHICLE PRIMARY IMPACT		CASE VEHICLE SECONDARY IMPACT	
		CASE VEHICLE	CONTACTED VEHICLE	CASE VEHICLE	CONTACTED VEHICLE
		1 13		2 47	
EVENT NUMBER					
$\Delta V$ (km/h)	TOTAL	9 9 9 14 15 16	9 9 9 32 33 34	9 9 9 48 49 50	9 9 9 66 67 68
	LONGITUDINAL*	9 9 9 9 17 20	9 9 9 9 35 38	9 9 9 9 51 54	9 9 9 9 69 72
	LATERAL*	9 9 9 9 21 24	9 9 9 9 39 42	9 9 9 9 55 58	9 9 9 9 73 76
	NOTE: THESE $\Delta V$ COMPONENTS MUST INCLUDE SIGN.				
	EXAMPLES: 10 km/h = +0 1 0 -7 km/h = -0 0 7				
ENERGY DISSIPATED BY CRUSH (kj)		9 9 9 9 25 28	9 9 9 9 43 46	9 9 9 9 59 62	9 9 9 9 77 80
RECONSTRUCTION		1 2 29 30		1 2 63 64	
	(01) RECONSTRUCTED, UNKNOWN CONFIDENCE LEVEL				
	(21) RECONSTRUCTED, LOW CONFIDENCE LEVEL				
	(22) RECONSTRUCTED, MODERATE CONFIDENCE LEVEL				
	(23) RECONSTRUCTED, HIGH CONFIDENCE LEVEL				
NOT RECONSTRUCTED BECAUSE					
	(02) INSUFFICIENT DATA				
	(03) EXCESSIVE UNDERRIDE/ OVERRISE				
	(04) ROLLOVER				
	(05) VAULTING				
	(06) OTHER TRAVEL IN MORE THAN ONE PLANE				
	(07) NON-HORIZONTAL FORCE				
	(08) SIDESWIPE-TYPE DAMAGE				
	(09) YIELDING OBJECT				
	(10) OTHER:				
	(11) AT LEAST ONE VEHICLE BEYOND SCOPE				
	(12) OTHER VEHICLE NOT INSPECTED				
MODE		5 31		5 65	
	(1) CDC ONLY				
	(2) CDC & DETAILED DAMAGE				
	(3) TRAJECTORY & CDC				
	(4) TRAJECTORY & CDC & DETAILED DAMAGE				
	(5) NOT RECONSTRUCTED				
COMPUTER PROGRAM SPECIFY:					

Duplicate columns 1-8  
from the previous card.

Module C 9 R 10 Format 0 11 2 12

CRASH RECONSTRUCTION CR-2  
for EBS

	CASE VEHICLE PRIMARY IMPACT				CASE VEHICLE SECONDARY IMPACT			
	CASE VEHICLE	CONTACTED VEHICLE	CASE VEHICLE	CONTACTED VEHICLE				
EVENT NUMBER	<u>1</u> 13		<u>2</u> 47					
EBS (km/h)	TOTAL	<u>056</u> 14 15 16	<u>999</u> 32 33 34	<u>035</u> 48 49 50	<u>999</u> 66 67 68			
	LONGITUDINAL*	<u>+056</u> 17 20	<u>9999</u> 35 38	<u>-033</u> 51 54	<u>999</u> 69 72			
	LATERAL*	<u>+000</u> 21 24	<u>9999</u> 39 42	<u>-012</u> 55 58	<u>9999</u> 73 76			
	NOTE: THESE EBS COMPONENTS MUST INCLUDE SIGN.							
	EXAMPLES: 10 km/h = <u>+010</u> -7 km/h = <u>-007</u>							
ENERGY DISSIPATED BY CRUSH (kJ)	<u>0165</u> 25 28	<u>9999</u> 43 46	<u>0083</u> 59 62	<u>9999</u> 77 80				
RECONSTRUCTION	<u>164657</u>		<u>82707</u>					
	(01) RECONSTRUCTED, UNKNOWN CONFIDENCE LEVEL	<u>21</u> 29 30		<u>21</u> 63 64				
	(21) RECONSTRUCTED, LOW CONFIDENCE LEVEL							
	(22) RECONSTRUCTED, MODERATE CONFIDENCE LEVEL							
	(23) RECONSTRUCTED, HIGH CONFIDENCE LEVEL							
NOT RECONSTRUCTED BECAUSE								
	(02) INSUFFICIENT DATA							
	(03) EXCESSIVE UNDERRISE/ OVERRISE							
	(04) ROLLOVER							
	(05) VAULTING							
	(06) OTHER TRAVEL IN MORE THAN ONE PLANE							
	(07) NON-HORIZONTAL FORCE							
	(08) SIDESWIPE-TYPE DAMAGE							
	(09) YIELDING OBJECT							
	(10) OTHER: _____							
	(11) AT LEAST ONE VEHICLE BEYOND SCOPE							
	(12) OTHER VEHICLE NOT INSPECTED							
MODE		<u>2</u> 31		<u>2</u> 65				
	(1) CDC ONLY							
	(2) CDC & DETAILED DAMAGE							
	(3) TRAJECTORY & CDC							
	(4) TRAJECTORY & CDC & DETAILED DAMAGE							
	(5) NOT RECONSTRUCTED							
COMPUTER PROGRAM SPECIFY: <u>WINSMASH</u>								

Duplicate columns 1-8  
from the previous card.

Module C R Format 0 3  
9 10 11 12

# CRASH RECONSTRUCTION CR-3

NOTES: 1. ENTER CRASH RECONSTRUCTION DAMAGE MEASUREMENTS IN CENTIMETERS.

2. MEASURE  $C_1$  TO  $C_6$  FROM DRIVER TO PASSENGER SIDE IN FRONT OR REAR IMPACTS, REAR TO FRONT IN SIDE IMPACTS.

3. D IS POSITIVE IF MEASURED TO A POINT FORWARD OF OR TO THE RIGHT OF THE CG.

4. USE THE CENTER OF THE WHEELBASE AS THE CG.

CASE VEHICLE

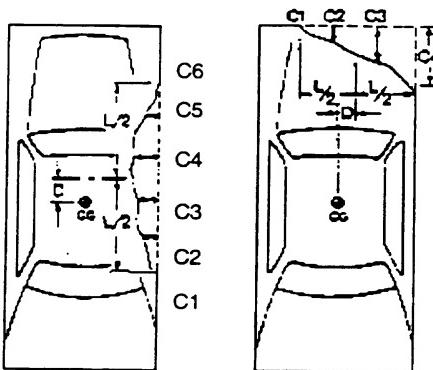
LOCATOR

Locate the end of the damage with respect to the vehicle longitudinal center line, or an undamaged axle for side impacts.

Specific Impact No.	Location of Direct Damage	Location of Field L
1	Begins(R) rear bumper corner	B.C. to B.C.
2	Begins(R) front bumper corner	B.C. to B.C.

PLANE:

- (1) Bumper
- (2) Above Bumper
- (3) Sill
- (4) Above Sill
- (5) Other \_\_\_\_\_
- (9) Unknown



DL 150  
UDL ①

### CRUSH PROFILE IN CENTIMETERS

NOTE: Each line in the table below is a separate record (card).

Duplicate columns 1 - 12 for each completed line.

Specific Impact Number	Plane of Impact C-Measur.	Direct Damage		Field L	C <sub>1</sub>	C <sub>2</sub>	C <sub>3</sub>	C <sub>4</sub>	C <sub>5</sub>	C <sub>6</sub>	+D
		Length (DDL)	Max Crush								
1	Bumper 151	C2	139	90	92	75	73	59	55	0	
	- Freespace				-8	-1	0	0	-1	-8	
1	1	151	091	139	082	091	075	073	058	047	+000
13	14	15 16 17	18 19 20	21 22 23	24 25 26	27 28 29	30 31 32	33 34 35	36 37 38	39 40 41	42 43 44 45
2	Bumper	152	C3	142	51	40	46	30	21	25	+000
	- Freespace				-12	-2	1	1	-2	-12	
2	1	152	045	142	39	38	45	29	19	13	+000

Duplicate columns 1-8  
from the previous card.

Module C    R    Format 0    4  
              9    10    11    12

# CRASH RECONSTRUCTION CR-4

NOTES: 1. ENTER CRASH RECONSTRUCTION DAMAGE MEASUREMENTS IN CENTIMETERS.

2. MEASURE  $C_1$  TO  $C_6$  FROM DRIVER TO PASSENGER SIDE IN FRONT OR REAR IMPACTS, REAR TO FRONT IN SIDE IMPACTS.

3. D IS POSITIVE IF MEASURED TO A POINT FORWARD OF OR TO THE RIGHT OF THE CG.

4. USE THE CENTER OF THE WHEELBASE AS THE CG.

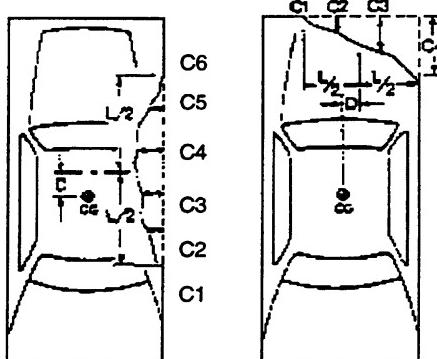
OTHER VEHICLE

LOCATOR

Locate the end of the damage with respect to the vehicle longitudinal center line, or an undamaged axle for side impacts.

Specific Impact No.	Location of Direct Damage	Location of Field L

Not  
Inspected



DL \_\_\_\_\_

UDL \_\_\_\_\_

PLANE:

- (1) Bumper
- (2) Above Bumper
- (3) Sill
- (4) Above Sill
- (5) Other \_\_\_\_\_
- (9) Unknown

## CRUSH PROFILE IN CENTIMETERS

NOTE: Each line in the table below is a separate record (card). Duplicate columns 1 - 12 for each completed line.

Specific Impact Number	Plane of Impact C-Measur.	Direct Damage		Field L	C <sub>1</sub>	C <sub>2</sub>	C <sub>3</sub>	C <sub>4</sub>	C <sub>5</sub>	C <sub>6</sub>	±D	
		Length (DDL)	Max Crush									
1												
13	14	15 16 17	18 19 20	21 22 23	24 25 26	27 28 29	30 31 32	33 34 35	36 37 38	39 40 41	42 43 44 45	
2												

Duplicate columns 1-8  
from the previous card.

Module W  
9      T  
10      Format 0  
11      1  
12

## WHEELS AND TIRES

WT-1

### WHEELS--DAMAGED

- (0) NO  
(1) YES  
(9) UNKNOWN

LF      Q  
13

RF      Q

RR      Q

LR      Q  
16

SIZE (NOT DOT CODE. IF UNKNOWN, USE 9'S)

LF      19565R15  
25

RF      19565R15  
35

RR      19565R15  
45

LR      19565R15  
55

### TIRE TREAD TYPE

- (1) REGULAR  
(2) SNOW  
(3) SLICKS  
(4) ALL WEATHER (MS)  
(7) OTHER: \_\_\_\_\_  
(9) UNKNOWN

LF      4  
17

RF      4

RR      4

LR      4  
20

### CARCASS CONSTRUCTION

- (1) BIAS  
(2) BELTED BIAS  
(3) RADIAL  
(4) ELLIPTICAL  
(5) HI PRESSURE SPARE  
(6) SPACE SAVER SPARE  
(7) OTHER: \_\_\_\_\_  
(9) UNKNOWN

LF      3  
21

RF      3

RR      3

LR      3  
24

IF VEHICLE IS EQUIPPED WITH DUAL  
WHEELS, COMPLETE FOR OUTER WHEELS  
AND MAKE NOTES ON INNER WHEELS.

NOTES: \_\_\_\_\_

\_\_\_\_\_

Duplicate columns 1-8  
from the previous card.

Module F 9 T 10 Format 0 11 1 12

## FUEL AND FUEL TANKS FT-1

### TYPE OF PROPULSIVE FUEL

- (1) GASOLINE
- (2) DIESEL OIL
- (3) LPG
- (4) ELECTRIC
- (7) OTHER: \_\_\_\_\_
- (9) UNKNOWN

1  
13

### AUXILIARY TANK TYPE

- (1) OEM TANK
- (2) AFTER MARKET TANK
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

8  
21

### MAIN TANK LOCATION

322  
14    16

### AUXILIARY TANK LOCATION

888  
22    24

### MAIN FILLER CAP LOCATION

133  
17    19

### AUXILIARY FILLER CAP LOCATION

888  
25    27

### MAIN TANK MATERIAL

3  
20

### AUXILIARY TANK MATERIAL

8  
28

## TANK AND FILLER CAP LOCATION CODES

### FIRST DIGIT (LONGITUDINAL)

- (1) BEHIND KICK-UP
- (2) IN KICK-UP
- (3) BETWEEN KICK-UP & COWL
- (4) FORWARD OF COWL
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

### SECOND DIGIT (LATERAL)

- (1) LEFT OF FRAME
- (2) WITHIN FRAME OR CENTERED
- (3) RIGHT OF FRAME
- (4) DUAL, RIGHT & LEFT TANKS
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

### THIRD DIGIT (VERTICAL)

- (1) BELOW FRAME
- (2) WITHIN FRAME OR CENTERED
- (3) ABOVE FRAME
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

## TANK MATERIAL CODES

- (1) STEEL
- (2) ALUMINUM
- (3) PLASTIC
- (7) OTHER
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

## DID FUEL LEAKAGE RESULT FROM A CRASH EVENT

(0) NO KNOWN LEAKAGE SKIP PAGE.(1) YES COMPLETE PAGE.

13

LEAK NUMBER	I LEAKING COMPONENT	II COMPONENT SOURCE	III TYPE OF DAMAGE	IV SEVERITY OF DAMAGE	V LOCATION OF LEAK	EVENT NUMBER
#1	— 14 15	—	—	—	—	21
#2	— 22 23	—	—	—	—	29
#3	— 30 31	—	—	—	—	37
#4	— 38 39	—	—	—	—	45
#5	— 46 47	—	—	—	—	53

## I LEAKING COMPONENT

## TANK AREA

- (11) MAIN FUEL TANK (INCLUDING VAPOR RECOVERY DOME)
- (12) AUXILIARY FUEL TANK
- (13) MAIN TANK FILLER TUBE
- (14) MAIN TANK CAP (GAS CAP)
- (15) AUXILIARY TANK FILLER TUBE
- (16) AUXILIARY TANK CAP (GAS CAP)
- (19) TANK AREA, DETAILS UNKNOWN

## DELIVERY SYSTEM

- (21) FUEL FEED LINE (MAIN TANK TO FUEL PUMP)
- (22) FUEL FEED LINE (AUXILIARY TANK TO FUEL PUMP)
- (23) FUEL RETURN LINE (FUEL PUMP TO TANK)
- (24) INLINE FUEL FILTER
- (25) FUEL LINE (PUMP TO CARBURETOR OR INJECTOR PUMP)
- (26) CARBURETOR TO INJECTOR PUMP
- (27) FUEL PUMP
- (29) DELIVERY SYSTEM, DETAILS UNKNOWN

## EVAPORATIVE EMISSION CONTROL SYSTEM

- (31) ATMOSPHERIC VENT PIPE (NON-EEC EQUIPPED)
- (32) EEC PIPE (VAPOR CANISTER TO CARBURETOR)

## IV SEVERITY OF DAMAGE

## EEC SYSTEM (CONTINUED)

- (33) VAPOR RECOVERY HOSES (CANISTER TO CARBURETOR)
- (34) LIQUID-VAPOR SEPARATOR (UNLESS PART OF TANK)
- (35) CANISTER
- (39) EEC SYSTEM, DETAILS UNKNOWN

- (49) ENGINE COMPARTMENT, COMPONENT UNKNOWN
- (99) COMPONENT UNKNOWN

## II COMPONENT SOURCE

- (1) OEM
- (2) AFTER MARKET
- (9) UNKNOWN

## III TYPE OF DAMAGE

- (1) DENTED/CRUSHED
- (2) PUNCTURED
- (3) RUPTURED
- (4) SEVERED/GROSS TEARS
- (5) DISCONNECTED/DEFEATED
- (9) UNKNOWN

## V LOCATION OF LEAK

## FIRST DIGIT (LONGITUDINAL LOCATION)

- (1) F, FORWARD OF COWL
- (2) P, BETWEEN COWL & REAR BULKHEAD
- (3) B, BEHIND REAR BULKHEAD
- (4) Y, F, & P
- (5) Z, P, & B
- (6) D, DISTRIBUTED (F, P & B)
- (9) UNKNOWN

## SECOND DIGIT (LATERAL LOCATION)

- (1) L, LEFT
- (2) C, CENTER
- (3) R, RIGHT
- (4) Y, LEFT CENTER (L & C)
- (5) Z, RIGHT CENTER (R & C)
- (6) D, DISTRIBUTED (F, P & B)
- (9) UNKNOWN

Duplicate columns 1-8  
from the previous card.

Module F  
9      R  
10      Format O  
11      1  
12

FIRE FR-1

WAS THERE FIRE IN OR ON CASE VEHICLE?

- (0) NO SKIP PAGE.  
(1) YES COMPLETE PAGE.



13

DID FIRE START IN CASE VEHICLE?

- (0) NO  
(1) YES  
(9) UNKNOWN

14

SEVERITY OF FIRE DAMAGE

- (1) MINOR  
(2) MODERATE  
(3) SEVERE  
(9) UNKNOWN

16

FLAME PROPOGATION RATE

- (1) RAPID/EXPLOSIVE  
(2) SLOW/MODERATE  
(9) UNKNOWN

15

DID AN INJURY TO CASE  
VEHICLE OCCUPANT RESULT FROM  
FIRE IN OR ON CASE VEHICLE?

- (0) NO  
(1) YES  
(9) UNKNOWN

17

PROVIDE NOTES IF FIRE OCCURRED.

Duplicate columns 1-8  
from the previous card.

Module E  
9    D  
10    Format 0  
11    1  
12

## EXTERIOR DAMAGE

ED-1

HOOD PERFORMANCE			STEERING COL FLEXIBLE COUPLING		
FOR THE FOLLOWING, USE CODES:			FLEXIBLE COUPLING TYPE		
(0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN			<ul style="list-style-type: none"> <li>(0) NONE</li> <li>(1) FLEXIBLE MATERIAL</li> <li>(2) POT</li> <li>(3) SINGLE U-JOINT</li> <li>(4) DOUBLE U-JOINT</li> <li>(5) FLEXIBLE CABLE</li> <li>(6) COMBINATION OF ABOVE (CIRCLE EACH)</li> <li>(7) OTHER: _____</li> <li>(8) EQUIPPED, TYPE UNKNOWN</li> <li>(9) UNKNOWN, IF EQUIPPED</li> </ul>		
HOOD LATCH(ES)-	-RELEASED		13	COUPLING-  (USE CODES FROM HOOD PERFORMANCE)	-DAMAGED
	-DAMAGED		14		-DAMAGED
	-JAMMED		15		-SEPARATED (COMPLETE)
HOOD HINGES-	-LEFT,	DAMAGED	16	ENG COMPART TELESCOPING UNIT	
	-LEFT,	SEPARATED (COMPLETE)	17	TYPE OF UNIT	
	-RIGHT,	DAMAGED	18	<ul style="list-style-type: none"> <li>(00) NONE INSTALLED</li> <li>(01) - (07) SEE UNITS ON PAGE ED-2</li> <li>(88) NOT COLLECTED</li> <li>(97) OTHER: _____</li> <li>(98) EQUIPPED, TYPE UNKNOWN</li> <li>(99) UNKNOWN IF EQUIPPED</li> </ul>	
	-RIGHT,	SEPARATED (COMPLETE)	19		
HOOD REMAINED ON VEHICLE			20		
REAR EDGE OF HOOD-	-ELEVATED		21	ORIGINAL LENGTH (mm)	
	-CONTACTED WINDSHIELD		22	F (OR H): _____	
	-PENETRATED WINDSHIELD		23	TELESCOPED LENGTH (mm)	
HOOD LATCH LOCATION			24	G: _____	
(1) FRONT OF VEHICLE (2) COWL AREA (3) SIDE (8) NOT APPLICABLE (9) UNKNOWN				DIFFERENCE (mm)	
				F (OR H) - G	
				(IF LESS THAN 15mm, ENTER "000")	
				<ul style="list-style-type: none"> <li>(888) NOT COLLECTED</li> <li>(991) NOT MEASURED/NO COMPRESSION</li> <li>(992) COMPRESSED, AMOUNT UNKNOWN</li> <li>(993) DEVICE EXTENDED</li> <li>(997) UNABLE TO BE MEASURED</li> <li>(998) NOT APPLICABLE (NOT EQUIPPED)</li> <li>(999) UNKNOWN</li> </ul>	
ENGINE OR TRANSMISSION MOUNT			25	<ul style="list-style-type: none"> <li>(888) NOT COLLECTED</li> <li>(991) NOT MEASURED/NO COMPRESSION</li> <li>(992) COMPRESSED, AMOUNT UNKNOWN</li> <li>(993) DEVICE EXTENDED</li> <li>(997) UNABLE TO BE MEASURED</li> <li>(998) NOT APPLICABLE (NOT EQUIPPED)</li> <li>(999) UNKNOWN</li> </ul>	
SEPARATION (COMPLETE)				<ul style="list-style-type: none"> <li>(0) NO</li> <li>(1) YES</li> <li>(9) UNKNOWN</li> </ul>	

<b>LEFT-SIDE BODY MOUNT</b>		<b>8</b> 34	<b>LEFT DOORS</b>	
DID BODY MOUNT SEPARATE?			HOW DID DOORS OPEN DURING COLLISION?	
(0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN			<b>USE CODES:</b>  (0) DOOR DID NOT OPEN  OPENED BECAUSE OF  (1) HINGE AREA SEPARATION (2) DOOR-LATCH SEPARATION (3) LATCH-STRIKER SEPARATION (4) STRIKER-PILLAR SEPARATION (5) BODY DISTORTION (6) COMBINATION OF ABOVE (CIRCLE EACH) (7) OPENED, REASON UNKNOWN  (8) NOT APPLICABLE (NO DOOR) (9) UNKNOWN	
<b>LEFT PILLARS</b>				
PILLARS SEPARATED COMPLETELY -				
<b>USE CODES:</b>				
(0) NO (1) YES (4) NO SEPARATION, BUT DAMAGED (8) NOT APPLICABLE (NOT EQUIPPED) (9) UNKNOWN				
-A-PILLAR, UPPER	<b>1</b> 35			
LOWER	<b>1</b> 36			
-B-PILLAR, UPPER	<b>4</b> 37			
LOWER	<b>1</b> 38		DOORS JAMMED CLOSED-	
-C-PILLAR, UPPER	<b>4</b> 39		<b>USE CODES:</b>	
LOWER	<b>4</b> 40		(0) NO (1) YES (8) NOT APPLICABLE (NO DOOR) (9) UNKNOWN	
-D-PILLAR, UPPER	<b>8</b> 41			
LOWER	<b>8</b> 42			
			-FRONT	<b>1</b> 43
			-REAR	<b>1</b> 44
			-FRONT	<b>1</b> 45
			-REAR	<b>1</b> 46

## REAR DOOR

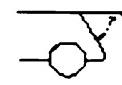
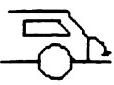
## REAR DOOR TYPE

- (0) NO DOOR (INCLUDES PICKUPS)
- (1) HATCHBACK
- (2) ONE-WAY TAILGATE
- (3) TWO-WAY TAILGATE
- (4) CLAMSHELL/DISAPPEARING TAILGATE
- (5) SINGLE DOOR
- (6) DOUBLE DOOR
- (9) UNKNOWN

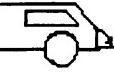
Hatchback



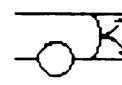
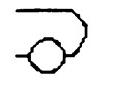
One-way



Two-way



Clamshell



Single door



## HOW DID DOOR OPEN DURING COLLISION?

- (0) DOOR DID NOT OPEN

## OPENED BECAUSE OF

- (1) HINGE AREA SEPARATION
- (2) DOOR-LATCH SEPARATION
- (3) LATCH-STRIKER SEPARATION
- (4) STRIKER-PILLAR SEPARATION
- (5) BODY DISTORTION
- (6) COMBINATION OF ABOVE  
*(CIRCLE EACH)*
- (7) OPENED, REASON UNKNOWN
- (8) NOT APPLICABLE (NO DOOR)
- (9) UNKNOWN

## DOOR JAMMED CLOSED

- (0) NO
- (1) YES
- (8) NOT APPLICABLE (NO DOOR)
- (9) UNKNOWN

47  
1

## OTHER REAR DAMAGE

## WAS PARTITION TO LUGGAGE AREA DAMAGED DURING COLLISION?

- (0) NO
- (1) YES
- (8) NOT APPLICABLE
- (9) UNKNOWN

50  
1

## SPARE TIRE

- (0) NO SPARE TIRE
- (1) NOT ATTACHED BEFORE COLLISION
- (2) ATTACHED, NOT SEPARATED IN COLLISION
- (3) ATTACHED, SEPARATED DUE TO COLLISION
- (8) NOT COLLECTED
- (9) UNKNOWN

51  
8

## TRAILER HITCH TYPE

- (0) NO HITCH

## BALL-AND-SOCKET TYPES

- (1) TEMPORARY FRAMEWORK (E.G. RENTAL CLAMP-ON)
- (2) BUMPER-MOUNT ONLY (E.G. LIGHT TRUCK)
- (3) BUMPER-AND-FRAME (BUT NON-EQUALIZING)
- (4) LOAD EQUALIZING

52  
Q

## OTHER TYPES

- (5) RING-AND-PINTLE
- (6) FIFTH-WHEEL (INCL. P/U)
- (7) OTHER (E.G. CLEVIS-AND-PIN)

- (8) EQUIPPED, TYPE UNKNOWN
- (9) UNKNOWN IF EQUIPPED

48  
8

TRAILER TYPE  
*(AT TIME OF COLLISION)*

- (0) NO TRAILER
- (1) TRAVEL-TRAILER/CAMPER
- (2) MOBILE HOME
- (3) BOAT/SNOWMOBILE/ATV TRAILER
- (4) UTILITY TRAILER
- (5) TOWED CAR
- (7) OTHER: \_\_\_\_\_
- (8) TRAILER, TYPE UNKNOWN
- (9) UNKNOWN

53  
Q

49  
8

<b>RIGHT-SIDE BODY MOUNT</b> DID BODY MOUNT SEPARATE?		<b>8</b> 54	<b>RIGHT DOORS</b> HOW DID DOORS OPEN DURING COLLISION?  <b>USE CODES:</b>	
(0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN			(00) DOOR DID NOT OPEN  (1) HINGE AREA SEPARATION (2) DOOR-LATCH SEPARATION (3) LATCH-STRIKER SEPARATION (4) STRIKER-PILLAR SEPARATION (5) BODY DISTORTION (6) COMBINATION OF ABOVE (CIRCLE EACH) (7) OPENED, REASON UNKNOWN (11) VAN RIGHT-REAR DOOR OPENED (ANY MECHANISM)  (98) NOT APPLICABLE (NO DOOR) (99) UNKNOWN	
<b>RIGHT PILLARS</b> PILLARS SEPARATED COMPLETELY -  <b>USE CODES:</b>				
(0) NO (1) YES (4) NO SEPARATION, BUT DAMAGED (8) NOT APPLICABLE (NOT EQUIPPED) (9) UNKNOWN				
-A-PILLAR, UPPER	55	-	FRONT	○ ○ 63 64
LOWER	56	-	REAR	○ ○ 65 66
-B-PILLAR, UPPER	57	-		
LOWER	58	-		
-C-PILLAR, UPPER	59	4	FRONT	○ 67
LOWER	60	4	REAR	1 68
-D-PILLAR, UPPER	61	8		
LOWER	62	8		
  <b>DOORS JAMMED CLOSED-</b>  <b>USE CODES:</b>				
(0) NO (1) YES (8) NOT APPLICABLE (NO DOOR) (9) UNKNOWN				
-FRONT				
-REAR				
  <b>VAN REAR DOOR TYPE</b>				
(0) VAN, NO REAR DOOR (1) TRACK (SLIDING) - RIGHT SIDE (2) SINGLE-HINGED - RIGHT SIDE (3) DOUBLE-HINGED - RIGHT SIDE (4) TRACK (SLIDING) - RIGHT & LEFT SIDE (5) SINGLE-HINGED - RIGHT & LEFT SIDE (6) DOUBLE-HINGED - RIGHT & LEFT SIDE (7) TRACK AND HINGED COMBINATION (8) NOT APPLICABLE (NOT A VAN) (9) UNKNOWN				

## WINDSHIELD DAMAGE

## WINDSHIELD CRACKED

- (0) NO  
 (1) YES  
 (8) NOT APPLICABLE  
 (9) UNKNOWN

70

WINDSHIELD BROKEN  
(PLASTIC INTERLAYER TORN)

- (0) NO  
 (1) YES  
 (8) NOT APPLICABLE  
 (9) UNKNOWN

71

CRACKED OR BROKEN  
BY OCCUPANT CONTACT

- (0) NO  
 (1) YES  
 (8) NOT APPLICABLE  
 (9) UNKNOWN

72

## EXTENT OF BOND SEPARATION

- (0) NONE  
 (1) 1 - 20%  
 (2) 21 - 40  
 (3) 41 - 60  
 (4) 61 - 80  
 (5) 81 - 99  
 (6) TOTAL  
 (7) SEPARATED, AMOUNT  
UNKNOWN  
 (8) NOT APPLICABLE  
 (9) UNKNOWN

73

## WINDSHIELD MARK ON CASE VEHICLE:



DOT 46 OM4 AS1 1A  
 NOM 1016-1 CERTIFIED  
 8AC

(E) 43

## WINDSHIELD CODE

- (97) DESCRIBED BUT NOT CODED  
 (98) NOT APPLICABLE (NO WINDSHIELD)  
 (99) UNKNOWN

97  
74 75

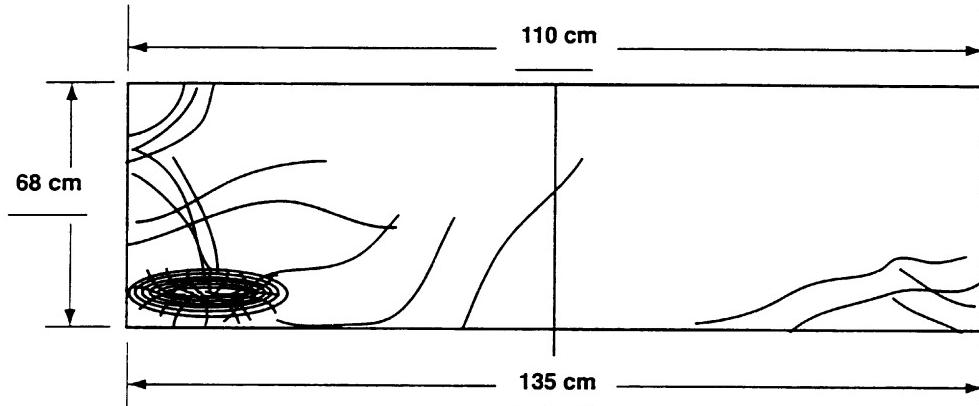
## ROOF

DID T-ROOF/SUN ROOF OPEN  
DURING COLLISION?

- (0) NO  
 (1) YES  
 (8) NOT APPLICABLE  
 (9) UNKNOWN  
(NOT A T-ROOF OR SUN ROOF)

8  
76

LOCATE AREA OF WINDSHIELD INTEREST OR DAMAGE WITH DIMENSIONS (VERTICAL & HORIZONTAL) ON THIS DIAGRAM OF THE WINDSHIELD AS VIEWED FROM INSIDE.



## STEERING WHEEL

## STEERING WHEEL RIM DAMAGE

- (0) NONE
- (1) DEFORMED SLIGHTLY
- (2) SEVERELY BENT
- (3) BROKEN
- (9) UNKNOWN

## NUMBER OF STEERING WHEEL SPOKES

- (9) UNKNOWN

## STEERING WHL SPOKE DAMAGE

- (0) NONE
- (1) DEFORMED SLIGHTLY
- (2) SEVERELY BENT
- (3) BROKEN
- (9) UNKNOWN

## STEERING COLUMN OPTIONS

## TILT FEATURE

- (0) NOT EQUIPPED
- (1) YES, EQUIPPED, UNK POSITION
- (2) UP
- (3) MIDDLE
- (4) LOWER
- (9) UNKNOWN IF EQUIPPED

## SWING-AWAY FEATURE

- (0) NOT EQUIPPED
- (1) YES, EQUIPPED
- (9) UNKNOWN IF EQUIPPED

## TELESCOPING FEATURE

- (0) NOT EQUIPPED
- (1) YES, EQUIPPED
- (9) UNKNOWN IF EQUIPPED

13

4

15

2

17

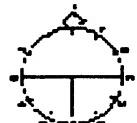
18

## STEERING WHEEL POSITION AT TIME OF COLLISION

IN WHAT O'CLOCK POSITION WAS THE NORMAL TOP OF THE WHEEL POINTED WHEN THE COLLISION OCCURRED?

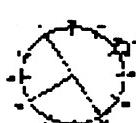
## EXAMPLES

O'CLOCK = 1 2



(NORMAL STRAIGHT AHEAD)

O'CLOCK = 9 10

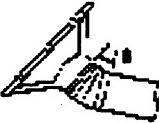


O'CLOCK = \_\_\_\_\_

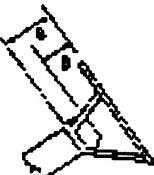
(99) UNKNOWN

## STEERING WHEEL ENERGY ABSORBING DEVICE

(1) EXAMPLES:

BARRACUDA, 70 - 74  
CHALLENGER, 70 - 74  
CAPRI, 71 - 77

(2) EXAMPLES:

OMNI, 78 -  
HORIZON, 78 -

## TYPE OF DEVICE

- (0) NONE
- (1) CONVOLUTED OR MESH CYLINDER
- (2) DEEP DISH STEERING WHEEL
- (7) OTHER: \_\_\_\_\_
- (8) NOT COLLECTED
- (9) UNKNOWN IF EQUIPPED

8  
19

## ORIGINAL DIMENSION (mm)

A: \_\_\_\_\_

## DAMAGE DIMENSION (mm)

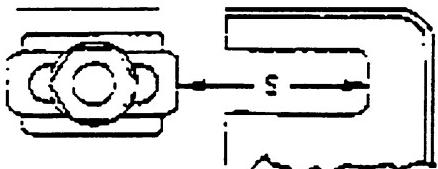
B: \_\_\_\_\_

## DIFFERENCE (mm)

A - B

- (888) NOT COLLECTED
- (991) NOT MEASURED/NO APPARENT COMPRESSION
- (992) COMPRESSED, AMOUNT UNKNOWN
- (993) DEVICE EXTENDED
- (997) UNABLE TO MEASURE
- (998) NOT APPLICABLE (NOT EQUIPPED)
- (999) UNKNOWN

8 8 8  
20 22

<b>STEERING COLUMN</b> <b>ENERGY ABSORBING DEVICE</b> <b>TYPE OF DEVICE *</b> (IF 27 OR 28)		<b>8</b> <hr/> <b>23    24</b>	<b>STEERING WHEEL (CONTINUED)</b>  <b>STEERING WHEEL HUB DAMAGE</b>	
(00) NOT EQUIPPED (88) NOT COLLECTED (99) UNKNOWN  <b>ORIGINAL LENGTH (mm)</b> C: _____			(0) NONE (1) OCCUPANT CONTACT (2) AIRBAG (3) OTHER _____ (9) UNKNOWN	
<b>COMPRESSED LENGTH (mm)</b> D: _____				
<b>BRACKET DEFLECTION (IF CODE 36, 48, OR 49 ABOVE)</b> OR <b>COMPRESSION (OR EXTRUSION) (mm)</b> C - D (OR E) (TOLERANCE: $\pm 10$ )		<b>8    8    8</b> <hr/> <b>25    27</b>		
(888) NOT COLLECTED (991) NOT MEASURED/NO APPARENT COMPRESSION (992) COMPRESSED, AMOUNT UNKNOWN (993) DEVICE EXTENDED (997) UNABLE TO BE MEASURED (998) NOT APPLICABLE (NOT EQUIPPED) (999) UNKNOWN				
* (ADD A & B FOR TOTAL COMPRESSION)				
<b>SHEAR CAPSULE SEPARATION (mm)</b> S (USE AVG. OF LEFT & RIGHT CAPSULES.)				
LT:				
RT:	(888) NOT COLLECTED (991) NOT MEASURED/NO APPARENT SEPARATION (992) SEPARATED, AMOUNT UNKNOWN (997) UNABLE TO BE MEASURED (998) NOT APPLICABLE (NOT EQUIPPED) (999) UNKNOWN			
<b>COLUMN VERTICAL ROTATION</b> (0) NO APPARENT ROTATION (1) UPWARD APPARENT ROTATION (2) DOWNWARD APPARENT ROTATION (9) UNKNOWN				
<b>COLUMN LATERAL ROTATION</b> (0) NO APPARENT ROTATION (1) LEFT APPARENT ROTATION (2) RIGHT APPARENT ROTATION (9) UNKNOWN				

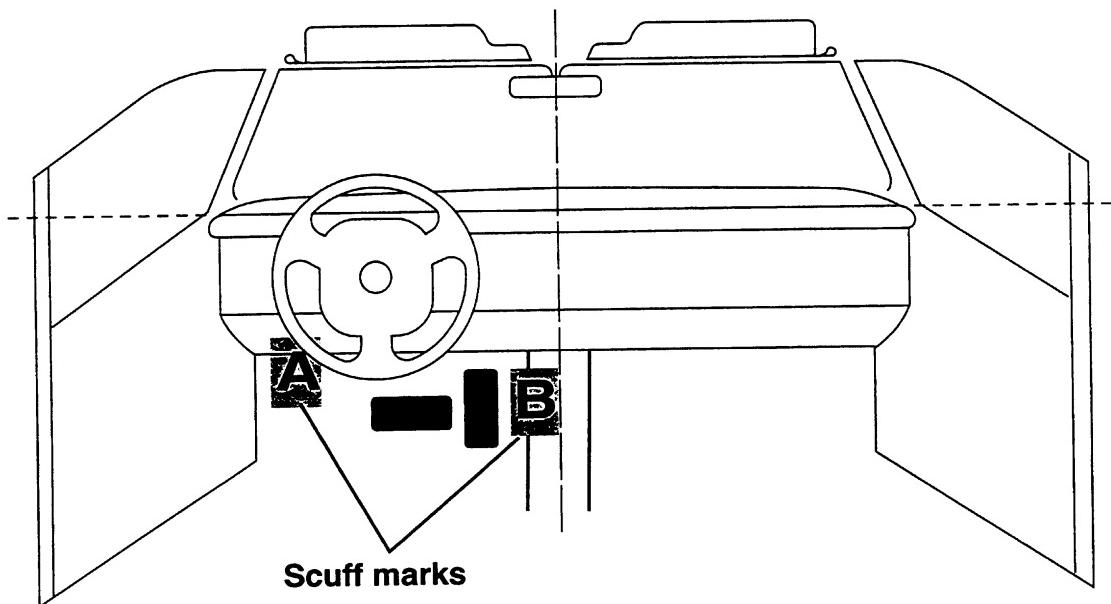
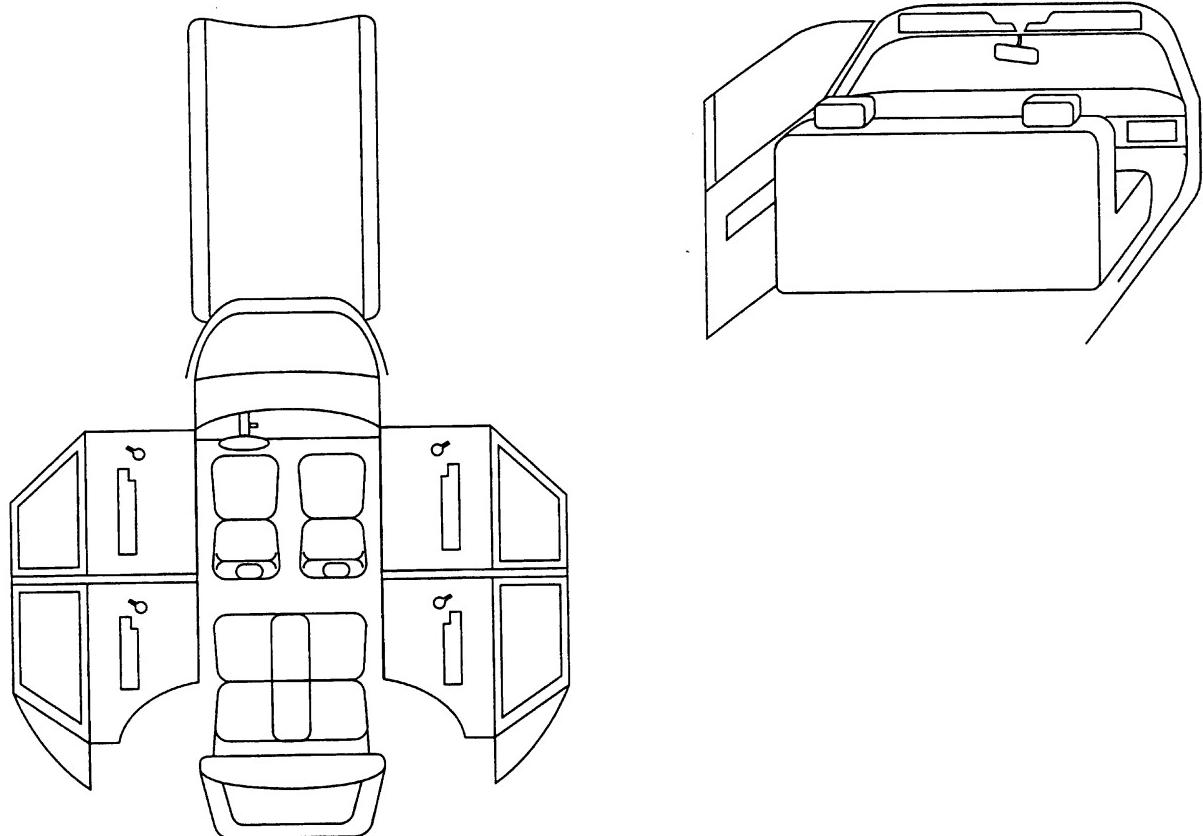
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1 = Definitely 2 = Probably 3 = Possible

INTRUSION IT-1

## OCCUPANT CONTACT WORKSHEET

Contact	Interior Component Contacted	Occupant No. if Known	Body Region if Known	Supporting Physical Evidence	Confidence Level of Contact Point
A	Knee bolster	1	Knee	Scuff mark	1
B	Knee bolster	1	Knee	Scuff mark	1
C					
D					
E					
F					
G					
H					
I					
J					
K					



## CODES FOR COLUMN B, OCCUPANT SPACE NUMBER

OCCUPANT SPACE NUMBER IS A TWO-DIGIT CODE. THE USE OF THE CODE IS DETERMINED BY THE VEHICLE SEAT CONFIGURATION AT THE TIME OF THE ACCIDENT.

## FIRST DIGIT

THE FIRST DIGIT (LEFT DIGIT) DENOTES THE SEAT ROW, WITH CODE VALUES FROM 1 TO 5.

## SECOND DIGIT

THE SECOND DIGIT (RIGHT DIGIT) DENOTES THE POSITION ON THE SEAT AND, IN SOME INSTANCES, THE WIDTH OF THE SEAT.

- |                          |                 |                         |                                |                               |
|--------------------------|-----------------|-------------------------|--------------------------------|-------------------------------|
| (1) LEFT                 | (3) RIGHT       | INDIVIDUAL SEAT         |                                |                               |
| (1) LEFT                 | (2) CENTER      | (3) RIGHT               | BENCH: FULL WIDTH 3 PASSENGER  |                               |
| (1) LEFT                 | (2) LEFT CENTER | (6) RIGHT CENTER        | (3) RIGHT                      | BENCH: FULL WIDTH 4 PASSENGER |
| (1) LEFT                 | (2) CENTER      | (5) RIGHT & AISLE SPACE | BENCH: PARTIAL WIDTH, LEFT     |                               |
| (0) LEFT & SPACE         | (2) CENTER      | (5) RIGHT & SPACE       | BENCH: PARTIAL WIDTH, CENTERED |                               |
| (4) ENTIRE VEHICLE WIDTH |                 |                         | CARGO AREA                     |                               |

## EXAMPLES

THE TWO FIGURES BELOW PROVIDE EXAMPLES OF THE OCCUPANT SPACE NUMBER.

PASSENGER CAR  
5 PASSENGERS

X	X	11	13
X	X	X	21 22 23

VAN  
12 PASSENGER CAPACITY

X	X	11	13	
X	X	X	21 22 25	
X	X	X	31 32 35	
X	X	X	X	41 42 46 43

## CODES FOR COLUMN F, MEASUREMENT AXIS

- (X) X-AXIS (FORE & AFT)
- (Y) Y-AXIS (LATERAL)
- (Z) Z-AXIS (VERTICAL)

## CODES FOR COLUMNS G, H, I &amp; J, OCCUPANT &amp; INJURY NUMBERS

OCCUPANT NUMBER	INJURY NUMBER	<u>CONTACT</u>
(00)	(00)	NO CONTACT
(##)	(00)	CONTACT, NO INJURY
(97)	(99)	CONTACT, OCCUPANT UNKNOWN, INJURY UNKNOWN
(99)	(00) OR (99)	UNKNOWN IF CONTACT



## CODES FOR COLUMN C, INTRUDING COMPONENT OR OBJECT

*NOTE: DO NOT CODE OBJECTS OTHER THAN COMPONENTS OF CASE VEHICLE.*

INDIVIDUAL COMPONENT	GROUPED FOR MASSIVE INTRUSION INTO AN OCCUPANT SPACE		
INTERNAL	<i>USE ONLY IF ALL THESE COMPONENTS INTRUDED INTO A SINGLE OCCUPANT SPACE.</i>		
(01) INSTRUMENT PANEL	(50) WINDSHIELD HEADER	(60) ROOF	
(02) FIRE WALL	A-PILLAR	ROOF RAIL	
(03) TOE PAN	ROOF SIDE RAIL	A-PILLAR	
(04) FLOOR PAN		B-PILLAR	
(05) STEERING COLUMN	(51) INSTRUMENT PANEL	C-PILLAR	
(06) WINDSHIELD	A-PILLAR	WINDOW FRAME	
(07) WINDSHIELD HEADER	DOOR PANEL	DOOR PANEL	
(08) A-PILLAR		FLOOR PAN	
(09) DOOR PANEL OR SIDE PANEL	(52) INSTRUMENT PANEL	(61) INSTRUMENT PANEL	
(10) WINDOW FRAME	A-PILLAR	TOE PAN	
(11) B-PILLAR	WINDSHIELD HEADER	WINDSHIELD HEADER	
(12) C-PILLAR		A-PILLAR	
(13) D-PILLAR	(53) DOOR PANEL	ROOF RAIL	
(14) ROOF SIDE RAILS	B-PILLAR	WINDOW FRAME	
(15) ROOF OR CONVERTIBLE TOP	ROOF RAIL	DOOR PANEL	
(16) BACKLIGHT HEADER		ROOF	
(17) FRONT SEAT-BACK SURFACE/ SEAT-BACK BACK SURFACE	(54) DOOR PANEL	(62) ROOF	
(18) SECOND SEAT-BACK SURFACE/ SEAT-BACK BACK SURFACE	A-PILLAR	ROOF RAIL	
(19) THIRD SEAT-BACK SURFACE/ SEAT-BACK BACK SURFACE	ROOF RAIL	C-PILLAR	
(20) FOURTH SEAT-BACK SURFACE/ SEAT-BACK BACK SURFACE	(55) INSTRUMENT PANEL	WINDOW FRAME	
(21) FIFTH SEAT-BACK SURFACE/ SEAT-BACK BACK SURFACE	FLOOR PAN	FLOOR PAN	
(22) BACK PANEL/BACK DOOR SURFACE	A-PILLAR	SECOND SEAT	
(23) SEAT CUSHION SURFACE/EDGE	DOOR FRAME	DOOR PANEL	
(24) CONSOLE	(56) ROOF RAIL	(63) ROOF RAIL	
(25) OTHER ( <i>DESCRIBE</i> )	A-PILLAR	ROOF	
(26) UNKNOWN INTERNAL SURFACES	B-PILLAR	B-PILLAR	
(28) TRANSMISSION TUNNEL (HUMP)	WINDOW FRAME	WINDOW FRAME	
(29) SIDE FOOTWELL PANEL (KICKPANEL)	(57) ROOF RAIL	FLOOR PAN	
(30) SILL	A-PILLAR	DOOR PANEL	
EXTERNAL	B-PILLAR	SECOND SEAT	
(43) HOOD	C-PILLAR	FRONT SEAT	
(44) OBJECT EXTERNAL TO PASSENGER COMPARTMENT BUT PART OF CASE VEHICLE	DOOR PANEL	(64) ROOF RAIL	
(45) OUTSIDE SURFACE OF CASE VEHICLE	(58) ROOF	ROOF OR CONVERTIBLE TOP	
(46) OTHER (E.G. SPARE TIRE, JACK. <i>DESCRIBE</i> .)	ROOF RAIL	A-PILLAR	
(49) UNKNOWN EXTERNAL OBJECT	WINDOW FRAME	B-PILLAR	
	DOOR PANEL	WINDOW FRAME	
	(59) BACKLIGHT HEADER	WINDOW HEADER	
	ROOF		
	C-PILLAR	(65) WINDSHIELD	
	THIRD SEAT-BACK	WINDSHIELD HEADER	
		ROOF SIDE RAIL	
		(66) WINDSHIELD	
		WINDSHIELD HEADER	
		A-PILLAR	
		(98) NOT APPLICABLE	
		(99) UNKNOWN	

Duplicate columns 1-8  
from the previous card.

Module I T Format 0 1  
9 10 11 12

INTRUSION IT-5

WAS THERE OCCUPANT COMPARTMENT INTRUSION?

13

WAS INTRUSION CATASTROPHIC?

14

- (0) NO DO NOT ANSWER NEXT QUESTION. SKIP PAGE.  
(1) YES ANSWER NEXT QUESTION.  
(9) UNKNOWN SKIP PAGE.

- (0) NO COMPLETE PAGE.  
(1) YES SKIP PAGE.

Duplicate columns 1-8  
from the previous card.

Module I T Format 0 2  
9 10 11 12

NOTE: Each line in the table below is a separate record (card). Duplicate columns 1 - 12 for each completed line.

**INTRUSIONS CODE INTRUSIONS IN THIS ORDER: LEFT TO RIGHT ON ROW; FRONT TO BACK IN VEHICLES.**

**CODES FOR B, F, G, H, I, J ON PAGE IT-3**

**CODES FOR C ON PAGE IT-4**

**OCCUPANT CONTACT AND INJURY**

A INTRUSION NUMBER	B OCC. SPACE NO.	C COMPONENT OR OBJECT	D INTRUDING ASSOC. EVENT NO.	E MAXIMUM INTRUSION X AXIS (cm)	F MAXIMUM INTRUSION Y AXIS (cm)	G MAXIMUM INTRUSION Z AXIS (cm)	H OCCUPANT NUMBER	I INJURY NUMBER	J OCCUPANT NUMBER	K INJURY NUMBER
13-14	15-16	17-18	19	20-21	22-23	24-25	26-27	28-29	30-31	32-33
0_1	21	18	1	40	ΦΦ	ΦΦ	ΦΦ	ΦΦ	ΦΦ	ΦΦ
0_2	22	18	1	34	ΦΦ	ΦΦ	ΦΦ	ΦΦ	ΦΦ	ΦΦ
0_3	23	18	1	28	ΦΦ	ΦΦ	ΦΦ	ΦΦ	ΦΦ	ΦΦ
0_4	—	—	—	—	—	—	—	—	—	—
0_5	—	—	—	—	—	—	—	—	—	—
0_6	—	—	—	—	—	—	—	—	—	—
0_7	—	—	—	—	—	—	—	—	—	—

NOTE: USE ADDITIONAL PAGE IF MORE THAN 7 INTRUSIONS.

Duplicate columns 1-8  
from the previous card.

Module I T Format 0 3  
9 10 11 12

NOTE: IF NO SIDE DOOR INTRUSION,  
SKIP REMAINDER OF PAGE.

### SIDE DOOR INTRUSION RESULTED FROM

INTRUSION  
NUMBER CAUSE

CODES  
FOR CAUSE:

- 13 — 15 (1) DIRECT IMPACT  
16 — 18 (2) INDUCED DAMAGE  
19 — 21 (9) UNKNOWN

IF DAMAGE TO DOOR COMPONENT RESULTED IN INCREASED  
DOOR INTRUSION, CODE COMPONENT

INTRUSION NUMBER	DAMAGED COMPONENT 1	DAMAGED COMPONENT 2	CODES FOR COMPONENTS
A 22 23	—	—	(0) NONE (1) A-PILLAR (2) B-PILLAR (3) C-PILLAR (4) LATCH/STRIKER (5) HINGES (7) OTHER: _____
B 26 27	—	—	(8) NOT APPLICABLE
C 30 31	—	—	(9) UNKNOWN
D 34 35	—	—	

Duplicate columns 1-8      Module 1 T      Format 0 2  
 from the previous card.      9    10      11    12

INTRUSION      IT-6

- ADDITIONAL PAGE --

**INTRUSIONS CODE INTRUSIONS IN THIS ORDER: LEFT TO RIGHT ON ROW; FRONT TO BACK IN VEHICLES.**

**CODES FOR B, F, G, H, I, J ON PAGE IT-3**

**CODES FOR C ON PAGE IT-4**

**OCCUPANT CONTACT AND INJURY**

A INTRUSION NUMBER	B OCC. SPACE NO.	C COMPONENT OR OBJECT	D ASSOC. EVENT NO.	E INTRUDING MAXIMUM INTRUSION X AXIS (cm)	F MAXIMUM INTRUSION Y AXIS (cm)	G MAXIMUM INTRUSION Z AXIS (cm)	H OCCUPANT NUMBER	I INJURY NUMBER	J OCCUPANT NUMBER	K INJURY NUMBER
13-14	15-16	17-18	19	20-21	22-23	24-25	26-27	28-29	30-31	32-33
0 8	— —	— —	—	— — —	— — —	— — —	— —	— —	— —	— —
0 9	— —	— —	—	— — —	— — —	— — —	— —	— —	— —	— —
1 0	— —	— —	—	— — —	— — —	— — —	— —	— —	— —	— —
1 1	— —	— —	—	— — —	— — —	— — —	— —	— —	— —	— —
1 2	— —	— —	—	— — —	— — —	— — —	— —	— —	— —	— —
1 3	— —	— —	—	— — —	— — —	— — —	— —	— —	— —	— —
1 4	— —	— —	—	— — —	— — —	— — —	— —	— —	— —	— —
1 5	— —	— —	—	— — —	— — —	— — —	— —	— —	— —	— —
1 6	— —	— —	—	— — —	— — —	— — —	— —	— —	— —	— —
1 7	— —	— —	—	— — —	— — —	— — —	— —	— —	— —	— —
1 8	— —	— —	—	— — —	— — —	— — —	— —	— —	— —	— —
1 9	— —	— —	—	— — —	— — —	— — —	— —	— —	— —	— —
2 0	— —	— —	—	— — —	— — —	— — —	— —	— —	— —	— —
2 1	— —	— —	—	— — —	— — —	— — —	— —	— —	— —	— —
2 2	— —	— —	—	— — —	— — —	— — —	— —	— —	— —	— —
2 3	— —	— —	—	— — —	— — —	— — —	— —	— —	— —	— —
2 4	— —	— —	—	— — —	— — —	— — —	— —	— —	— —	— —
2 5	— —	— —	—	— — —	— — —	— — —	— —	— —	— —	— —

***CODES:***

- (0) NO  
(1) YES  
(3) NO, and OCCUPANT CONTACT

- (4) YES, and OCCUPANT CONTACT
  - (8) NOT APPLICABLE
  - (9) UNKNOWN

SIDES	LEFT	RIGHT	FRONT		INSTRUMENT PANEL
FRONT DOOR	13 	14 	FOOT CONTROLS	45 	UPPER PANEL
FRONT HARDWARE	15 	16 	IGNITION KEYS	46 	MID PANEL
FRONT ARMREST	17 	18 	REAR VIEW MIRROR	47 	LOWER PANEL
FRONT GLASS	19 	20 	SUNVISOR/FITTINGS	48 	ASHTRAY
REAR DOOR AREA	21 	22 	(5) LEFT SIDE ONLY (6) RIGHT SIDE ONLY (7) BOTH SIDES		CONTROL KNOBS & LEVERS
REAR HARDWARE	23 	24 	WINDSHIELD TOP MOLDINGS	49 	GLOVE COMPARTMENT AREA
REAR ARMREST	25 	26 	LEFT A-PILLAR (UPPER OR LOWER)	50 	INSTRUMENTS
REAR GLASS	27 	28 	RIGHT A-PILLAR (UPPER OR LOWER)	51 	PARKING BRAKE RELEASE
ROOF SIDE RAIL	29 	30 	CENTER CONSOLE	52 	PARKING BRAKE PEDAL
B-PILLAR	31 	32 	TRANSMISSION SELECTOR LEVER	53 	A/C OR UPPER VENT OUTLETS
C-PILLAR	33 	34 	RIM, HORN, SPOKE	54 	HEATER OR A/C DUCTS
D-PILLAR	35 	36 	<i>Deformed via loading of airbag</i>		RADIO
HEADLINING	37 	38 			OTHER: * _____
ROOF STRUCTURE	39 	40 			
T-ROOF/SUN ROOF	41 	42 			
OTHER: *	43 	44 			
					REAR
					WINDOW
					WINDOW HEADER
					CONSOLES
					VERTICAL
					ROOF

\* MORE THAN ONE ITEM MAY BE NOTED.

Duplicate columns 1-8  
from the previous card.

Module S  
9      T  
10      Format 0  
11      2  
12

## SEATS

ST-1

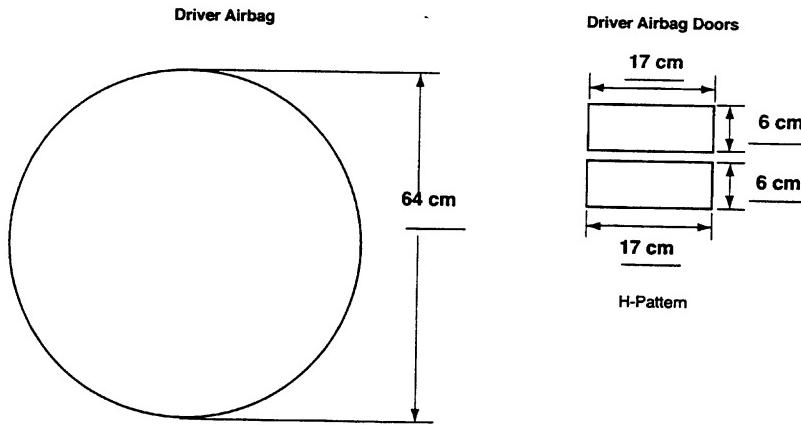
<b>FRONT SEAT</b>				<b>FRONT SEAT-BACK</b>			
Type of Front Seat		Driver	Passen'r	Seat-Back Type		Driver	Passen'r
(00) NO SEAT		① 5	① 5	(1) FORWARD FOLDING		3	3
(01) STANDARD BENCH		13 14	15 16	(2) RIGID			
(02) SPLIT BACK, 50-50				(3) RECLINING			
(03) SPLIT BACK, DRIVER WIDE				(7) OTHER: _____			
(04) SPLIT BACK, PASS. WIDE				(8) NOT APPLICABLE			
(05) BUCKET				(9) UNKNOWN			
(06) CAPTAIN'S CHAIR							
(07) INDIV. BENCH, 50-50							
(08) INDIV. BENCH, DRIVER WIDE							
(09) INDIV. BENCH, PASS. WIDE							
(97) OTHER: _____							
(99) UNKNOWN							
Type of Seat Mount		1	1	Seat-Back Lock Type		1	1
(1) STANDARD				(0) NONE		32	33
(2) PEDESTAL				(1) MANUAL			
(7) OTHER: _____		17	18	(2) INERTIA			
(8) NOT APPLICABLE				(3) POWER			
(9) UNKNOWN				(7) OTHER: _____			
Swivel Mechanism Equipped		①	①	(8) NOT APPLICABLE			
(0) NO		19	20	(9) UNKNOWN			
(1) YES							
(8) NOT APPLICABLE							
(9) UNKNOWN							
Original Equipment Seats		1	1	Locks Held		1	1
(0) NO		21	22	(0) NO		34	35
(1) YES				(1) YES			
(8) NOT APPLICABLE				(8) NOT APPLICABLE			
(9) UNKNOWN				(9) UNKNOWN			
Contact of Seat by Rear Occupant		8	8	Recliner Mechanism Held		①	1
(0) NO		23	24	(0) NO		36	37
(1) YES				(1) YES			
(8) NOT APPLICABLE				(8) NOT APPLICABLE			
(9) UNKNOWN				(9) UNKNOWN			
Front Seat Damage		①	①				
(0) NONE		25	26	Head Restraint			
(1) BACKREST ONLY DAMAGED				Head Restraint Type		1	1
(2) CUSHION ONLY DAMAGED				(0) NONE		38	39
(3) BACKREST & CUSHION DAMAGED				(1) ADJUSTABLE			
(8) NOT APPLICABLE				(2) INTEGRAL			
(9) UNKNOWN				(3) NOT INTEGRAL, BUT CANNOT BE REMOVED			
				(7) OTHER: _____			
				(8) NOT APPLICABLE			
				(9) UNKNOWN			
Center Armrest Damaged		①		Removed Pre-Crash		①	①
(0) NO		27		(0) NO		40	41
(1) YES				(1) YES			
(7) EQUIPPED, DAMAGE UNKNOWN				(8) NOT APPLICABLE			
(8) NOT APPLICABLE (NO CENTER ARMREST)				(9) UNKNOWN			
(9) UNKNOWN IF EQUIPPED							
Front Seat Rotation		①	①	Adjustment at Crash		1	1
(0) NONE APPARENT		28	29	(1) UP		42	43
(1) FORWARD APPARENT				(2) DOWN			
(2) REARWARD APPARENT				(8) NOT APPLICABLE			
(3) LEFT APPARENT				(9) UNKNOWN			
(4) RIGHT APPARENT							
(5) MULTIPLE ROTATIONS SPECIFY _____							
(8) NOT APPLICABLE							
(9) UNKNOWN							
				Head Restraint Damage		①	①
				(0) NONE		44	45
				(1) DAMAGED BUT NOT SEPARATED			
				(2) SEPARATED			
				(8) NOT APPLICABLE			
				(9) UNKNOWN			

<b>FRONT SEAT ADJUSTMENT</b>	<b>DRIVER</b>	<b>PASSENR</b>	<b>SECOND SEAT (CONT.)</b>		
	<b>SEAT ADJUSTMENT TYPE</b>		<b>CENTER ARMREST DAMAGED</b>		
	(0) NONE ( <i>RIGID</i> )		(0) NO		
	(1) MANUAL				
	(2) POWER				
	(7) OTHER: _____				
	(8) NOT APPLICABLE ( <i>NO SEAT</i> )				
	(9) UNKNOWN				
	<b>ADJUSTMENT PROVIDED</b>				
<b>SEAT ADJUSTER DAMAGE</b>	2	2	<b>SECOND SEAT-BACK</b>		
	(1) 2-WAY		<b>LOCKS</b>	<b>LEFT</b>	
	(2) 4-WAY			<b>RIGHT</b>	
	(3) 6-WAY				
	(7) OTHER: _____				
	(8) NOT APPLICABLE				
	(9) UNKNOWN				
	<b>SEAT ADJUSTER SEPARATION</b>				
	(0) NONE				
<b>PRE-CRASH POSITION</b>	(1) SEPARATED AT FLOOR		<b>FOR THE FOLLOWING, USE:</b>		
	(2) SEPARATION OF ADJUSTER				
	(3) SEPARATED AT SEAT				
	(8) NOT APPLICABLE				
	(9) UNKNOWN				
	<b>LEFT OR CENTER, EQUIPPED</b>				
	8	8			
	52	53			
	<b>LEFT OR CENTER, HELD</b>				
<b>SECOND SEAT</b>	2	9	<b>(3) SEAT FOLDED DOWN</b>		
	(1) FORWARD				
	(2) MIDDLE				
	(3) REARWARD				
	(8) NOT APPLICABLE				
	(9) UNKNOWN				
	<b>RIGHT, EQUIPPED</b>				
	54	55			
	<b>RIGHT, HELD</b>				
<b>SECOND SEAT DAMAGE</b>	2	9	<b>(3) SEAT FOLDED DOWN</b>		
	(0) NONE				
	(1) NON-FOLDING				
	(2) FOLDING				
	(3) CAPTAIN'S CHAIR				
	(4) JUMP SEAT				
	(5) INTEGRAL CHILD SEAT				
	(6) LUGGAGE AREA ACCESS PANEL				
	(9) UNKNOWN				
<b>THIRD SEAT</b>		<b>EQUIPPED</b>			
<b>TYPE OF SECOND SEAT</b>		<b>BACKREST DAMAGED</b>			
<b>SECOND SEAT DAMAGE</b>		<b>CUSHION DAMAGED</b>			
<b>SECOND SEAT</b>		<b>VEHICLE EQUIPPED WITH REAR HEAD RESTRAINTS</b>			
<b>TYPE OF SECOND SEAT</b>		<b>(0) NOT EQUIPPED (OR REMOVED)</b>			
<b>SECOND SEAT DAMAGE</b>		<b>(1) EQUIPPED</b>			
<b>SECOND SEAT</b>		<b>(2) EQUIPPED &amp; DAMAGED</b>			
<b>TYPE OF SECOND SEAT</b>		<b>(8) NOT APPLICABLE (NO REAR SEAT)</b>			
<b>SECOND SEAT DAMAGE</b>		<b>(9) UNKNOWN</b>			
<b>SECOND SEAT</b>		<i>Applies to any rear-seat position</i>			
<b>SECOND SEAT DAMAGE</b>					
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DRIVER SIDE		PASSENGER SIDE	
<b>LOCATION OF AIRBAG</b>		<b>LOCATION OF AIRBAG</b>	
<b>STEERING WHEEL</b>		<b>INSTRUMENT PANEL (GLOVE BOX)</b>	
EQUIPPED		EQUIPPED	
(0) NO (1) YES (4) PRIOR DEPLOYMENT NOT REINSTALLED (9) UNKNOWN IF AIRBAG EQUIPPED		(0) NO (1) YES (4) PRIOR DEPLOYMENT NOT REINSTALLED (9) UNKNOWN IF AIRBAG EQUIPPED	
DEPLOYED		DEPLOYED	
(0) NO (1) YES (2) PARTIAL/IMPROPER DEPLOYMENT (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN		(0) NO (1) YES (2) PARTIAL/IMPROPER DEPLOYMENT (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN	
<b>CONDITION OF AIRBAG</b>		<b>CONDITION OF AIRBAG</b>	
<b>STEERING WHEEL</b>		<b>INSTRUMENT PANEL (GLOVE BOX)</b>	
(0) NO DAMAGE (2) SPLIT OR TORN (3) CUT DURING CRASH (4) BURNED/MELTED (5) CUT POST CRASH (6) OTHER _____ (7) DAMAGED, CONDITION UNKNOWN (8) NOT APPLICABLE (NOT EQUIPPED/NOT DEPLOYED) (9) UNKNOWN IF EQUIPPED OR CONDITION		(0) NO DAMAGE (2) SPLIT OR TORN (3) CUT DURING CRASH (4) BURNED/MELTED (5) CUT POST CRASH (6) OTHER _____ (7) DAMAGED, CONDITION UNKNOWN (8) NOT APPLICABLE (NOT EQUIPPED/NOT DEPLOYED) (9) UNKNOWN IF EQUIPPED OR CONDITION	
DRIVER SIDE		PASSENGER SIDE	
<b>AIRBAG</b>		<b>AIRBAG</b>	
<b>STEERING WHEEL</b>		<b>INSTRUMENT PANEL (GLOVE BOX)</b>	
TETHER		TETHER	
2 straps		1 lg strap	
(0) NO (1) YES (6) OTHER _____ (7) UNKNOWN IF TETHERED (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN IF AIRBAG EQUIPPED		(0) NO (1) YES (6) OTHER _____ (7) UNKNOWN IF TETHERED (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN IF AIRBAG EQUIPPED	
MARKED BY CONTACT		MARKED BY CONTACT	
(0) NO (1) YES (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN		(0) NO (1) YES (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN	

## AIRBAG NUMBER ON DRIVER SIDE:

NOTE AND DESCRIBE ANY AIRBAG CONTACT OR  
DAMAGE ON DIAGRAM BELOW:

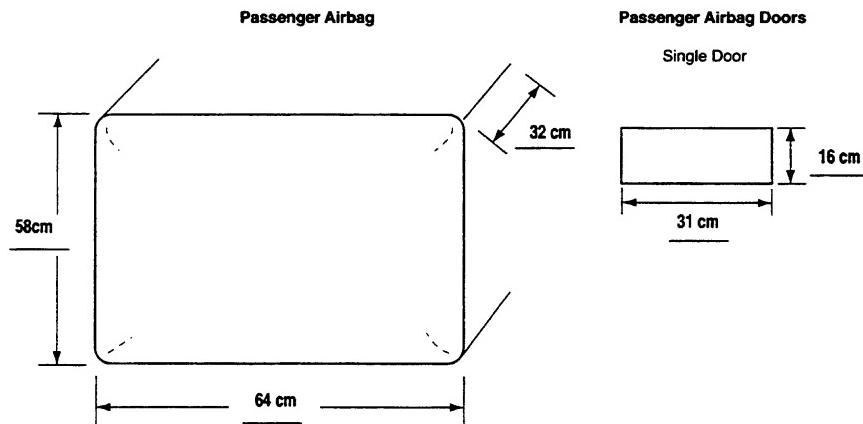


Vents:  Y  N  
if yes, how many: 1

Tethers:  Y  N  
if yes, how many: 2

## AIRBAG NUMBER ON PASSENGER SIDE:

NOTE AND DESCRIBE ANY AIRBAG CONTACT OR  
DAMAGE ON DIAGRAM BELOW:



Vents:  Y  N  
if yes, how many: \_\_\_\_\_

Tethers:  Y  N  
if yes, how many: \_\_\_\_\_

NOTE TO THE INVESTIGATOR:

THE FOLLOWING TWO SECTIONS,  
OCCUPANT INFORMATION AND INJURY CLASSIFICATION,  
ARE TO BE FILLED IN  
FOR EACH CASE VEHICLE OCCUPANT,  
WHETHER INJURED OR NOT.

IF THERE IS MORE THAN ONE OCCUPANT,  
USE ADDITIONAL COPIES  
OF PAGES OC-1, OC-2, OC-3,  
AND IC-2 TO DESCRIBE THEM  
AND ATTACH THE COPIES TO THIS REPORT.

Duplicate columns 1-8  
from the previous card.

Module O C Format 0 2  
9 10 11 12

## OCCUPANT INFORMATION OC-1

<b>OCCUPANT IDENTIFICATION</b>		<b>PHYSICAL DESCRIPTION</b>	
OCCUPANT NUMBER		<u>①</u> 13 14	<b>AGE IN YEARS</b> (00) LESS THAN 1 YEAR (98) 98 YEARS OR OLDER (99) UNKNOWN <u>32</u> 20 21
ROLE OF OCCUPANT AT 1ST IMPACT		<u>1</u> 15	<b>AGE IN MONTHS</b> (00) LESS THAN 1 MONTH (25) 25 MONTHS OR OLDER (99) UNKNOWN <u>25</u> 22 23
(1) MOTOR VEHICLE DRIVER (2) MOTOR VEHICLE PASSENGER (NOT DRIVER) (9) UNKNOWN			
<b>OCCUPANT POSITION</b>		<b>MASS (kg)</b> (999) UNKNOWN <u>⑧4</u> 24 25 26	
ROW LOCATION		<u>1</u> 16	<b>HEIGHT (cm)</b> (999) UNKNOWN <u>180</u> 27 28 29
(1) FRONT (2) SECOND (3) THIRD (4) FOURTH (7) OTHER: _____ (8) EXTERNAL TO PASSENGER COMPARTMENT (E.G. BED OF PICKUP) (9) UNKNOWN			<b>SEX</b> (1) MALE (2) FEMALE (9) UNKNOWN <u>1</u> 30
<b>LATERAL LOCATION</b>		<u>1</u> 17	<b>MEDICAL CONDITIONS</b>
(1) LEFT (2) LEFT CENTER (3) CENTER (4) RIGHT CENTER (5) RIGHT (6) ALL (LYING ON SEAT) (8) EXTERNAL TO PASSENGER COMPARTMENT (9) UNKNOWN		<u>①</u> 18 19	<b>TREATMENT/MORTALITY</b> (00) NONE (01) FIRST AID AT SCENE (02) TREATED AT HOSPITAL/CLINIC BUT NOT ADMITTED (03) HOSPITALIZED FOR OBSERVATION LESS THAN 24 HOURS (04) HOSPITALIZED OVER 24 HOURS OR FOR SIGNIFICANT TREATMENT (05) FATAL, DEAD AT SCENE (06) FATAL, DOA (07) FATAL, DEAD WITHIN 24 HOURS (08) FATAL, DEAD 24 HOURS TO 31 DAYS LATER (09) FATAL, DEAD 31 DAYS TO 1 YEAR LATER (10) FATAL DEAD WITHIN UNKNOWN PERIOD (99) UNKNOWN <u>④</u> 31 32 <u>3 days</u>
<b>POSTURE</b>			<b>INJURY SEVERITY SCORE (ISS)</b> (99) UNKNOWN <u>⑥</u> 33 34
(10) SITTING ON SEAT (11) SITTING ON SEAT IN ABNORMAL POSITION (E.G. FEET ON DASH, SIDeways) (12) SITTING ON CONSOLE (20) ON LAP OR IN ARMS (30) STANDING ON SEAT (40) STANDING ON FLOOR (47) STANDING, EXTERNAL TO PASSENGER COMPARTMENT (50) IN BASSINET (60) IN CHILD SEAT (65) IN CHILD HARNESS (70) LYING ON SEAT (80) LYING/SITTING ON PASSENGER FLOOR (83) LYING/SITTING ON OTHER OBJECT IN PASSENGER COMPARTMENT: _____ (85) ON CARGO FLOOR/FOLDED SEAT-BACK (87) LYING/SITTING, EXTERNAL TO PASSENGER COMPARTMENT (97) OTHER: _____ (99) UNKNOWN			<b>NON-IMPACT MED. CONDITIONS</b> (0) NONE (1) YES, TIME & TYPE UNKNOWN (2) PRE-CRASH FATAL (CLINICAL DEATH AT WHEEL) (3) PRE-CRASH NON-FATAL (E.G. PRIOR INJURY, STROKE) (4) PREGNANT (5) POST-CRASH FATAL (DROWNING) (6) POST-CRASH NON-FATAL INJURY (7) OTHER: _____ (8) COMBINATION OF ABOVE (CIRCLE EACH) (9) UNKNOWN <u>①</u> 35

## OCCUPANT INFORMATION OC-2

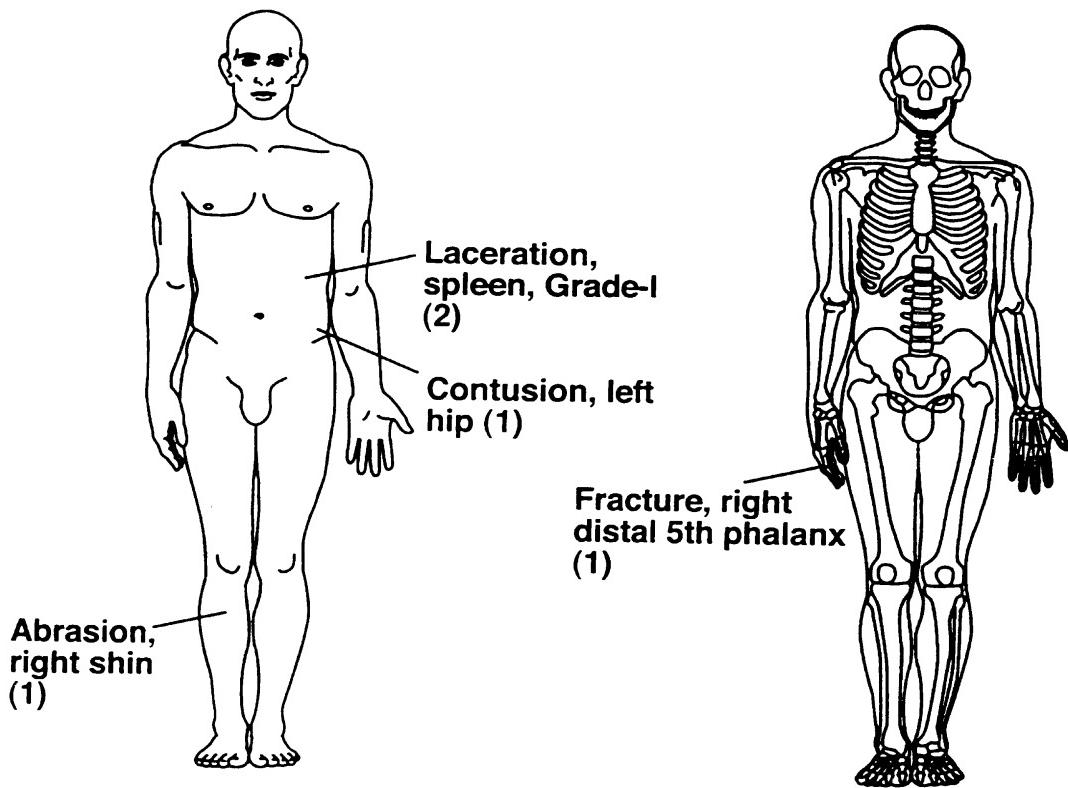
OCCUPANT INFORMATION OC-2

MEDICAL CONDITIONS (CONT.)			CHILD SEAT TYPE	
POLICE INJURY SEVERITY CODE FOR THIS OCCUPANT		1	(00) NONE USED (01) YES, USED (02) INTEGRAL, Chrysler Mini-van (88) NOT APPLICABLE (ADULT OR OLDER CHILD) (99) UNKNOWN	88 41 42
(0) O - NO INJURY (1) C - POSSIBLE INJURY (2) B - NON-INCAPACITATING (3) A - INCAPACITATING INJURY (4) K - FATAL (5) INJURED, SEVERITY UNKNOWN (6) DIED PRIOR TO IMPACT (7) NON-FATAL INJURY, SEVERITY UNKNOWN (9) UNKNOWN		36	CHILD SEAT MAKE/MODEL	
RESTRAINT SYSTEM				
ACTIVE RESTRAINT SYSTEM		3	EJECTION	Ø 43
(0) NONE (1) LAP BELT (2) SHOULDER HARNESS ONLY (3) BOTH LAP BELT & SHOULDER HARNESS (9) UNKNOWN		37	DEGREE OF EJECTION	
(0) NONE (AVAILABLE BUT NOT USED) (1) LAP BELT ONLY (2) SHOULDER HARNESS ONLY (3) BOTH LAP BELT & SHOULDER HARNESS (7) IMPROPER USAGE (8) NOT APPLICABLE (NONE AVAILABLE) (9) UNKNOWN		3	(0) NONE (1) PARTIAL (2) COMPLETE (7) EJECTED, DEGREE UNKNOWN (9) UNKNOWN IF EJECTED	98 44 45
ACTIVE RESTRAINT SYSTEM USAGE		38	AREA OF EJECTION	
(0) NONE (1) AIRBAG INSTALLED (2) PASSIVE UPPER TORSO WITH KNEE BOLSTERS (3) PASSIVE UPPER TORSO WITHOUT KNEE BOLSTERS (4) PASSIVE LAP & UPPER TORSO (5) AIRBAG INSTALLED & PASSIVE RESTRAINT (7) OTHER: _____ (9) UNKNOWN		1	(01) WINDOW, LEFT SIDE (02) WINDOW, RIGHT SIDE (03) WINDOW, REAR (04) DOOR, LEFT SIDE (05) DOOR, RIGHT SIDE (06) DOOR, REAR OR TAILGATE (07) WINDSHIELD (08) ROOF OR OPEN CONVERTIBLE OR FROM EXTERNAL AREA (96) EJECTED AREA UNKNOWN (97) OTHER AREA: _____ (98) NOT APPLICABLE (NOT EJECTED) (99) UNKNOWN IF EJECTED	
PASSIVE RESTRAINT SYSTEM		39	IF OCCUPANT WAS EJECTED, DESCRIBE IN DETAIL BELOW:	
(0) NONE (1) AIRBAG INSTALLED (2) PASSIVE UPPER TORSO WITH KNEE BOLSTERS (3) PASSIVE UPPER TORSO WITHOUT KNEE BOLSTERS (4) PASSIVE LAP & UPPER TORSO (5) AIRBAG INSTALLED & PASSIVE RESTRAINT (7) OTHER: _____ (9) UNKNOWN		1	_____ _____ _____	
PASSIVE RESTRAINT SYSTEM USAGE		2	HEAD RESTRAINT	
(0) SYSTEM DEFEATED (1) AIRBAG NOT DEPLOYED (2) AIRBAG DEPLOYED (3) AIRBAG NOT REINSTALLED (4) PASSIVE UPPER TORSO USED (5) PASSIVE LAP & UPPER TORSO USED (6) SYSTEM USED IN MANUAL MODE (7) IMPROPER USAGE (8) NOT APPLICABLE (NOT ORIGINALLY EQUIPPED) (9) UNKNOWN		40	HEAD RESTRAINT AVAILABLE FOR THIS POSITION	
(0) NOT EQUIPPED OR REMOVED (1) EQUIPPED (9) UNKNOWN		1	(0) NOT EQUIPPED OR REMOVED (1) EQUIPPED (9) UNKNOWN	46

## OCCUPANT INFORMATION OC-3

OCCUPANT EYEWEAR		SOURCE OF INFORMATION	
(0) NONE (1) GLASSES (2) CONTACTS (3) BOTH GLASSES AND CONTACTS (4) OTHER _____ (8) NOT APPLICABLE (9) UNKNOWN	I 47	(0) INTERVIEW (1) HOSPITAL (2) AUTOPSY (3) POLICE (4) OTHER _____ (5) LAY CORONER/EXTERNAL EXAM (7) COMBINATION OF ABOVE (CIRCLE) (8) NOT APPLICABLE (9) UNKNOWN	Z 48

INDICATE LOCATION OF INJURIES.



**Duplicate columns 1-8 from the previous card.**

**INJURY CLASSIFICATION**

**NOTE:** Each line in the table below is a separate record (card).  
Duplicate columns 1 - 12 for each completed line.

## OCCUPANT INJURY CLASSIFICATION

**NOTE: USE ADDITIONAL PAGES IF NECESSARY.**

## CODES FOR AREAS OF POSSIBLE OCCUPANT CONTACT

## FRONT OF PASSENGER COMPARTMENT

- (10) SUNVISOR, FITTING(S) & OR TOP MOLDING
- (12) WINDSHIELD
  
- (05) INSTRUMENT PANEL (SPECIFIC AREA UNKNOWN)
- (54) UPPER INSTRUMENT PANEL (X)
- (55) MIDDLE INSTRUMENT PANEL (Y)
- (56) LOWER INSTRUMENT PANEL (Z)
- (81) ASH TRAY (INSTRUMENT PANEL)
- (02) GLOVE COMPARTMENT AREA
- (47) AIRBAG (ACRS) COMPARTMENT DOOR/COVER
  
- (57) BENEATH INSTRUMENT PANEL
- (53) PARCEL TRAY
- (48) KNEE RESTRAINT
- (86) VERTICAL CONSOLE
  
- (28) FOOT CONTROLS (INCL. PARKING BRAKE PEDAL)
  
- (09) STEERING ASSEMBLY (SPECIFIC AREA UNKNOWN)
- (65) STEERING WHEEL
- (66) STEERING WHEEL COLUMN
- (59) TRANSMISSION LEVER ON COLUMN
  
- (03) HARDWARE ITEM (SPECIFIC AREA UNKNOWN)
- (82) INSTRUMENT(S)
- (83) CONTROL KNOB(S) & LEVER(S) (FRONT)
- (84) PARKING BRAKE HANDLE IN FRONT
- (67) IGNITION KEY
- (06) MIRROR
- (04) HEATER OR AIR CONDITIONING DUCTS
- (01) AIR CONDITIONING OR VENTILATION OUTLET(S)
- (08) RADIO (BUILT IN)
- (58) ADD-ON TAPE DECK, RADIO, A/C
- (68) ROOF MOUNTED CONTROLS/CONSOLES

## REAR

- (88) SURFACE OF REAR INTERIOR
- (23) REAR WINDOW
- (39) REAR WINDOW HEADER
- (50) REAR SEAT CUSHION & BACK

## INTERIOR-GENERAL

- (11) TRANSMISSION SELECTION LEVER (LOCATION UNK.)
- (59) TRANSMISSION LEVER ON STEERING COLUMN
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (07) PARKING BRAKE HANDLE (LOCATION UNKNOWN)
- (84) PARKING BRAKE HANDLE IN FRONT
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (INCL. PARKING BRAKE PEDAL)
  
- (29) FRONT SEAT-BACK(S)
- (51) FRONT SEAT CUSHION
- (50) REAR SEAT CUSHION & BACK
- (49) ARMREST ON SEAT
- (89) UNDER SEAT BOTTOM
  
- (33) RESTRAINT SYSTEM HARDWARE
- (34) RESTRAINT SYSTEM WEBBING
- (87) AIR CUSHION SKIN (AIRBAG)
- (47) AIRBAG (ACRS) COMPARTMENT DOOR/COVER
- (46) AIRBAG GAS
- (48) KNEE RESTRAINT
- (30) HEAD RESTRAINT
- (42) CHILD SEAT RESTRAINTS
- (43) CHILD SEAT
- (31) INTERIOR LOOSE OBJECT
- (32) OTHER OCCUPANT(S)
- (52) INTERNAL FLYING GLASS (FROM ANY SOURCE)
- (41) UNKNOWN INTERIOR SURFACE

## SIDES

- (20) SURFACE OF SIDE INTERIOR
- (19) HARDWARE ON SIDE OR DOOR
- (13) ARMREST ON SIDE OR DOOR
- (24) COAT HOOK
  
- (22) WINDOW GLASS (SIDE)
- (21) WINDOW FRAMES (SIDE)
  
- (26) ROOF SIDE RAIL
- (14) A-PILLAR
- (15) B-PILLAR
- (16) C-PILLAR
- (17) D-PILLAR

## FLOOR

- (40) FLOOR
- (27) CONSOLE ON FLOOR OR BETWEEN SEATS
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (INCL. PARKING BRAKE PEDAL)
- (91) KICKPANEL

## ROOF

- (25) ROOF OR CONVERTIBLE TOP
- (10) SUNVISOR, FITTING(S) & OR TOP MOLDING
- (26) ROOF SIDE RAIL
- (24) COAT HOOK
- (18) DOME LIGHT
- (39) BACKLIGHT HEADER
- (68) ROOF MOUNTED CONTROLS/CONSOLE
- (69) ROLL BAR

## EXTERIOR SURFACE OF CASE VEHICLE

- (37) OUTSIDE SURFACE OF CASE VEHICLE (SPECIFIC AREA UNKNOWN)
  
- (35) HOOD OF CASE VEHICLE
- (60) EXTERIOR OF CASE VEHICLE (E.G. OUTSIDE MIRRORS, ANTENNA, TRIM)
- (62) EXTERIOR SIDE ROOF RAIL OF CASE VEHICLE
- (63) TRUNK LID OF CASE VEHICLE
- (64) TIRES OF CASE VEHICLE

## BEYOND CASE VEHICLE BOUNDARY

- (36) AREA EXTERIOR TO CAR (SPECIFIC AREA UNK.)
- (70) HOOD OF OTHER VEHICLE
- (71) OTHER VEHICLE EXTERIOR HARDWARE (E.G. OUTSIDE MIRRORS, ANTENNA, TRIM)
- (73) EXTERIOR SIDE ROOF RAIL OF OTHER VEHICLE
- (74) HEADLIGHT OR FRONT GRILL OF OTHER VEH.
- (75) TRUNK OF OTHER VEHICLE
- (76) OUTSIDE SURFACE OF OTHER VEHICLE
- (77) TIRES OF OTHER VEHICLE
- (78) GROUND
- (79) WATER
- (80) EXTERIOR OBJECT (NOT VEHICLE, GROUND, OR WATER. PLEASE DESCRIBE.)

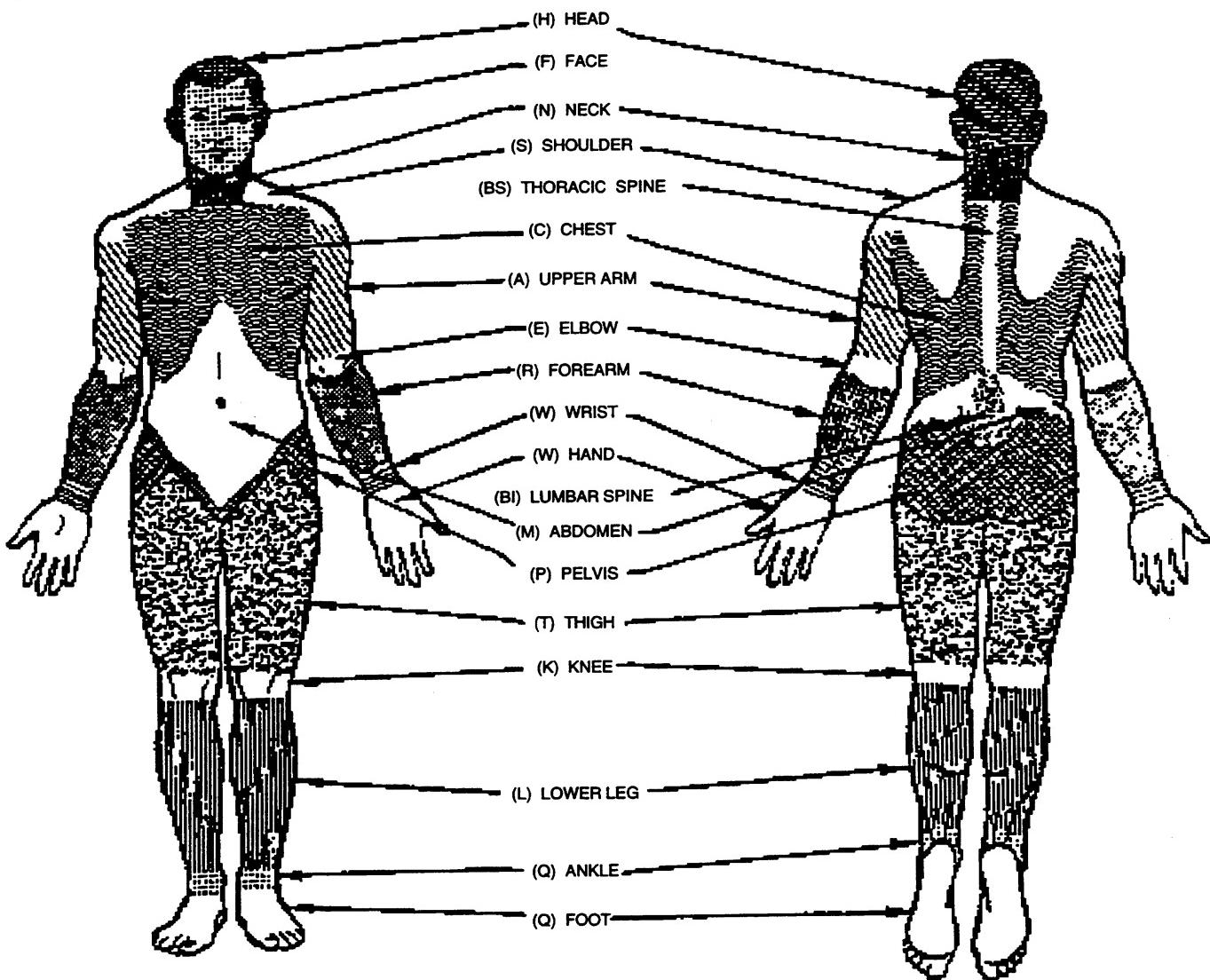
## PENETRATING OBJECTS

- (61) OTHER VEHICLE
- (72) OBJECTS (DESCRIBE)

## MISCELLANEOUS

- (00) NO CONTACT (INVALID FIELD FORM CODE)
- (38) OTHER (E.G. FIRE. DESCRIBE)
- (90) SPARE TIRE
- (96) INDUCED
- (97) EJECTED, UNKNOWN CONTACT
- (98) IMPACT FORCE, "WHIPLASH", HYPEREXTENSION/COMPRESSION
- (99) UNKNOWN AREA OF CONTACT

THE FIGURE BELOW  
IS AN EXPLANATION OF THE BODY REGION CODES  
LISTED ON PAGE IC - 4.



## CODES FOR OCCUPANT INJURY CLASSIFICATION (OIC)

1 BODY REGION	3 LESION	4 SYSTEM/ORGAN
(H) HEAD/SKULL	(L) LACERATION	(S) SKELETAL
(F) FACE	(C) CONTUSION	(V) VERTEBRAE
(N) NECK	(A) ABRASION	(J) JOINTS
(S) SHOULDER	(F) FRACTURE	(D) DIGESTIVE
(X) UPPER EXTREMITIES	(P) PERFORATION, PUNCTURE	(L) LIVER
(A) ARM (UPPER)	(K) CONCUSSION	(N) NERVOUS SYSTEM
(E) ELBOW	(V) AVULSION	(B) BRAIN
(R) FOREARM	(R) RUPTURE	(C) SPINAL CORD
(W) WRIST/HAND	(S) SPRAIN	(E) EARS
(C) CHEST	(D) DISLOCATION	(O) EYES
(M) ABDOMEN	(N) CRUSH	(A) ARTERIES
(B) BACK	(M) AMPUTATION	(H) HEART
(P) PELVIC/HIP	(B) BURN	(Q) SPLEEN
(Y) LOWER EXTREMITIES	(G) DETACHMENT, SEPARATION	(G) UROGENITAL
(T) THIGH	(Z) FRACTURE AND DISLOCATION	(K) KIDNEYS
(K) KNEE	(T) STRAIN	(R) RESPIRATORY
(L) LEG (LOWER)	(E) TOTAL SEVERANCE, TRANSECTION	(P) PULMONARY/LUNGS
(Q) ANKLE/FOOT	(O) OTHER	(M) MUSCLES
(O) WHOLE BODY	(U) UNKNOWN	(T) THYROID, OTHER ENDOCRINE GLAND
(U) UNKNOWN		(I) INTEGUMENTARY (SKIN)
		(W) ALL SYSTEMS IN REGION
		(U) UNKNOWN

2 ASPECT
(R) RIGHT
(L) LEFT
(B) BILATERAL
(C) CENTRAL
(A) ANTERIOR/FRONT
(P) POSTERIOR/BACK
(S) SUPERIOR/UPPER
(I) INFERIOR/LOWER
(W) WHOLE REGION
(U) UNKNOWN

BODY REGION	ASPECT	LESION	SYSTEM/ORGAN			SEVERITY
			1	2	3	

5 SEVERITY (OR "AIS", ABBREVIATED INJURY SCALE)
(0) NONE
(1) MINOR
(2) MODERATE
(3) SERIOUS
(4) SEVERE
(5) CRITICAL
(6) MAXIMUM
(9) UNKNOWN

Call No. 22700  
Date Due 10/18/2014  
Name: John A. depp senior  
Phone: 204-638-3333  
Email: HSC George Brown High school 100, 104 10th St.  
Address: 104 10th St.

Date Checked Out  
Name: Cole  
Phone Number: 204-  
Address: 104 10th St.

North

104 10th St. HSC George Brown High school 100, 104 10th St.



PN22700#1



PN 22700 #2



PN 22700 #3



**PN 22700 #4**  
**Best Available**



PN 22700 #5  
Best Available



**PN 22700#6  
Best Available**



**PN 22700#7  
Best Available**



**PN 22700 #8**  
**Best Available**



PN22700#9



PN 22700 #10



PN 22700#11



PN 22700 #12



PN 22700 #13



PN 22700 #14



PN 22700 #15



PN 22700 #16



**PN 22700 #17**



PN 22700 #18



PIN 22700 #19  
Best Available



PN 22700 #20



PN 22700 #21  
Best Available



**PN 22700 #22**  
**Best Available**



PN 22700 #23  
Best Available



PN22700 #24



PN 22700 #25

Best Available



**PN 22700 #26  
Best Available**



**PN 22700#27  
Best Available**



PN 22700 #28  
Best Available



PN 22700 #29



PN 22700 #30



PN 22700 #31



PN 22700 #32



PN 22700 #33



PN 22700 #34



PN 22700 #35



PN 22700 #36



PN 22700 #37



PN 22700 #38



PN 22700 #30



PN 22700 #40



PN22700#41



PN 22700 #42



PN22700 #43



PN 22700 #44

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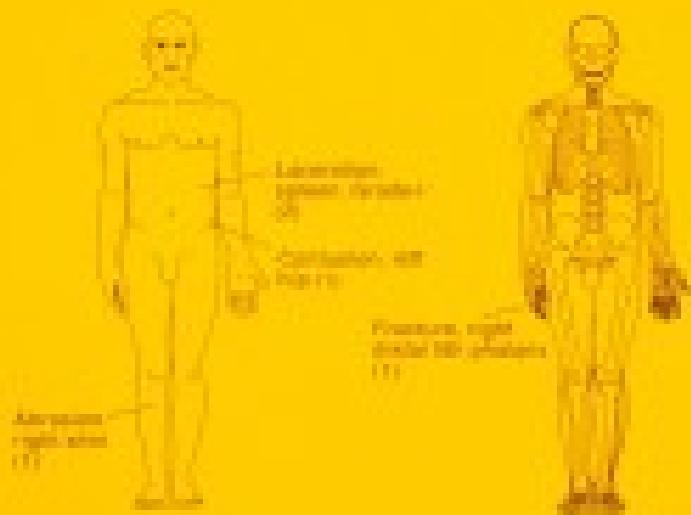
#### Chapitre 2 : Les personnes

#### **REFERENCES**

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www.scholarlypublications.com



PN 22700 #45